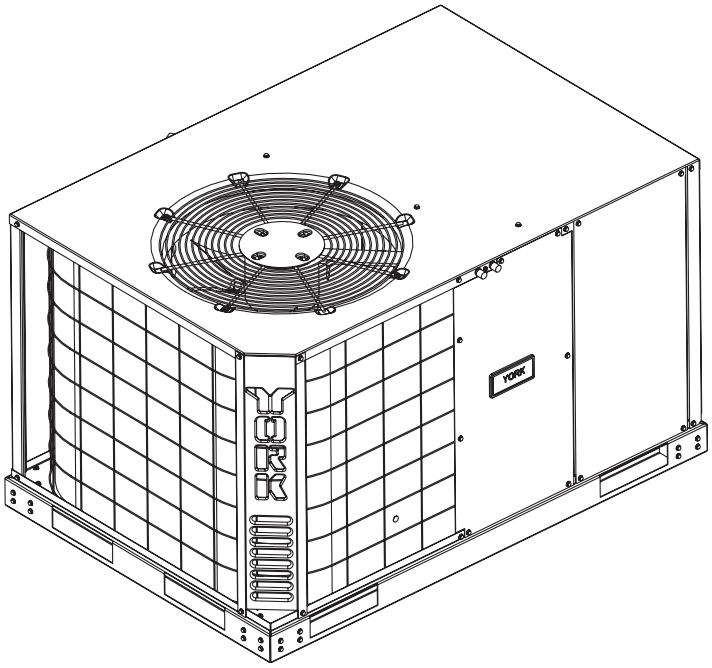
YORK®
Heating and Air Conditioning

TECHNICAL GUIDE
R-22, 13 SEER
LATITUDE™ SERIES
60 Hertz

Description

These York® Latitude™ packaged cooling/heating air conditioners are designed for outdoor installation. Only utility and duct connections are required at the point of installation.

Field-installed electric heater accessories are available to provide electric heat, if required. (Single phase only)



Tested in accordance with:

DESIGN CERTIFIED

C SA US

ARI PERFORMANCE CERTIFIED
ARI Standard 210/240
Unitary Air Conditioners

ISO 9000 REGISTRATION

ISO 9001
Certified Quality
Management System

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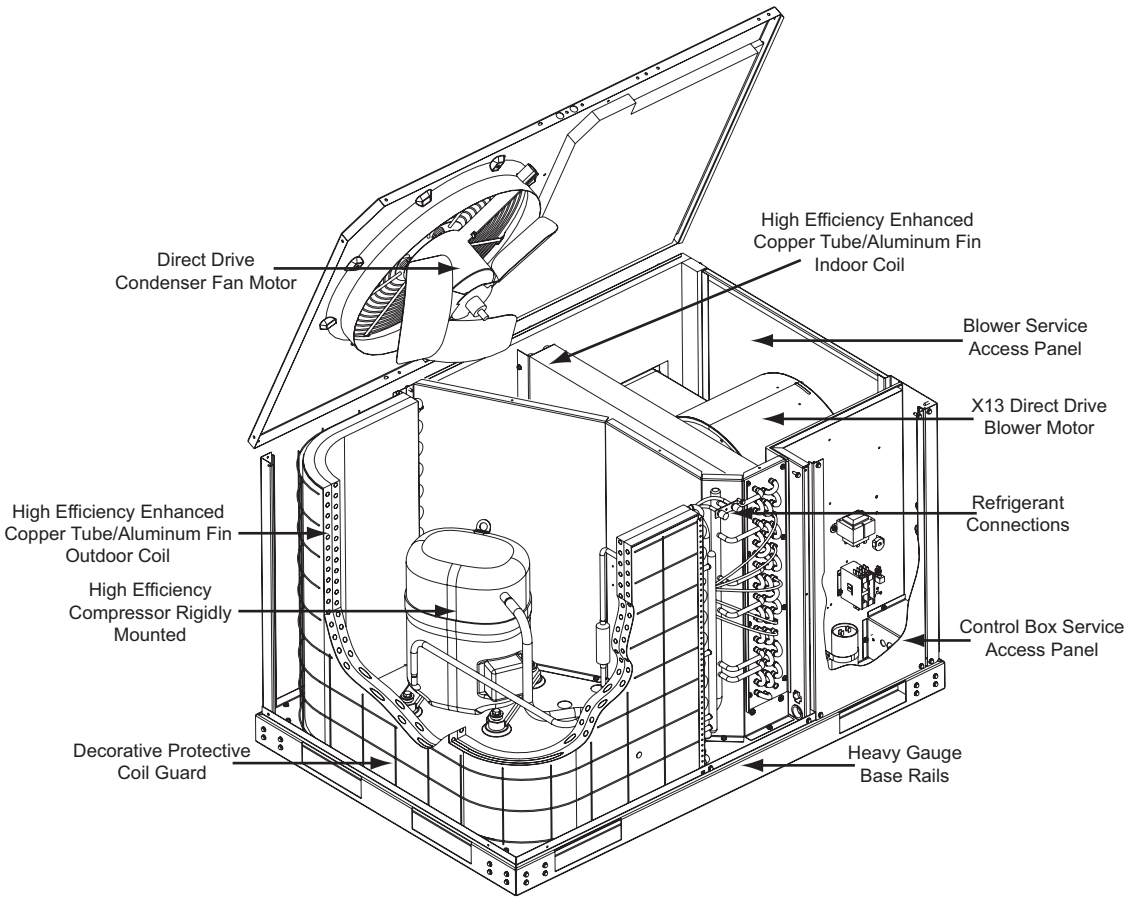
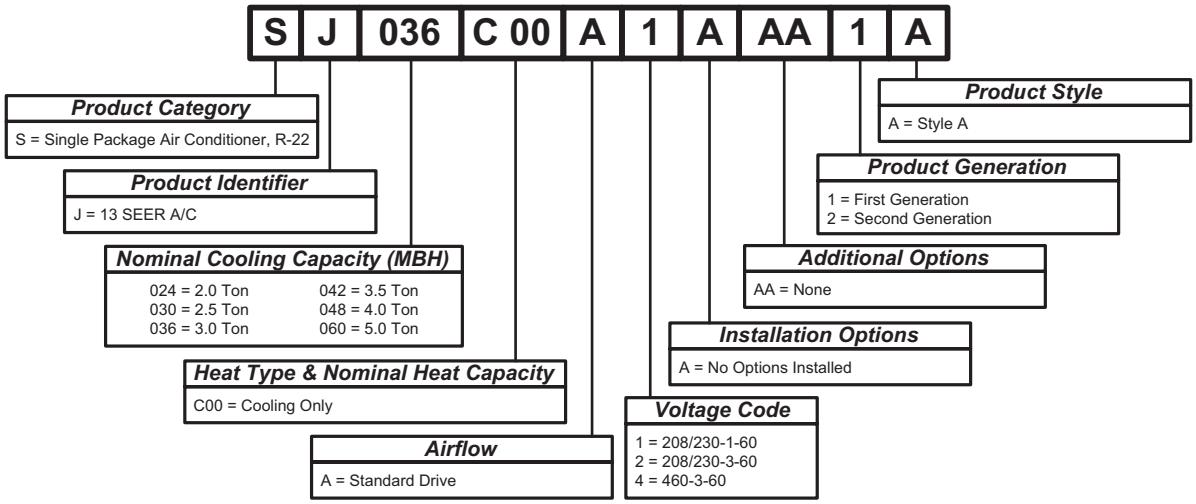
Component Location

Cooling Unit and Heat Pump

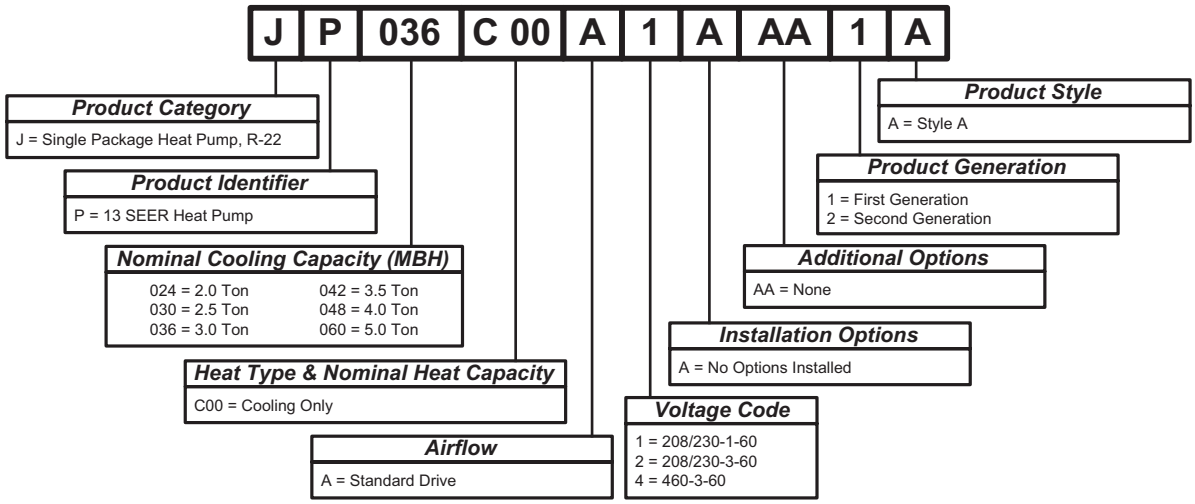


Nomenclature

Cooling Unit



Heat Pump



Features and Benefits

Standard Features

- **Operating Efficiency** - All cooling units provide a SEER of 13.0.

  All heat pump units provide operating efficiency of 13.0 SEER and 7.7 HSPF. All efficiencies meet legislated minimum levels.

- **Lower Installation Cost** - Installation time and costs are reduced by easy power and control wiring connections. The small base dimension means less space is required on the ground or roof, plus, the installer can fit this unit between the wheel wells of full size pick-up truck. All models are well under 400 pounds.

  All units are completely wired, charged with R-22 and tested prior to shipment. Unique test stations using a new state of the art computerized process system are used to insure product quality. Refrigerant charge and component part numbers are verified via computers at assembly. Vital run test statistics such as system pressure, motor currents, air velocity and temperature, unit vibration, and gas system safeties are monitored and recorded by the system to insure unit performance.

  Equal size, side supply and return duct connections allows easy hook-up of ducts to match low crawl spaces without transition pieces.

- **Utility Connections Made Easy** - Electric utility knockouts are provided through the side of the unit. Utility connections can be made quickly and with a minimum amount of field labor. A field supplied and field installed electrical disconnect switch must be installed.

- **Condensate Pan** - A non-corrosive, long-lasting, water-tight pan is positioned below the evaporator coil to collect

and drain all condensate. Less collection of stagnate condensate will build-up. The condensate pan conforms to ASHRAE 62-89 standards (Ventilation for Acceptable Indoor Air Quality).

- **Condensate Drain** - The heavy duty, 3/4 inch NPTI copper connection is more durable over time. The connection is rigidly mounted to assure proper fit and leak tight seal.
- **Durable Finish** - With a heavy duty cabinet made of pre-painted, galvanized steel the neutral color blends into surrounding areas. The pre-paint provides a better paint to steel bond, which resists corrosion and rust creep, insures less fading when exposed to sunlight and offers a more attractive on site appearance.
- **Full Perimeter Base Rails** - The base rails provide a solid foundation for the entire unit and protects the unit during shipment. The rails provide fork lift access from all sides. On applications where the unit is placed on a pad, the base will keep the unit off the pad to deter corrosion.
- **More Attractive Appearance** - A single piece Water Shed top cover containing a top discharge condenser fan arrangement requires less square footage on installation and provides a wider variety of installations. The one piece design adds greater water integrity.
- **Top Discharge** - The top discharge condenser fan does not disrupt neighboring areas or dry-out vegetation surrounding the unit. The warm air from the top mounted fan is blown up away from the structure and any landscaping. This allows compact location on multi-unit applications.
- **Condenser Coil Guard** - A multi-piece totally enclosed, rigidly mounted condenser coil guard provides protection from objects after installation and provides protection during transit.
- **Low Operating Sound Level** - The upward air flow carries the normal operating noise up and away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the rippled fins of the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Fan System** - All models operate over a wide range of design conditions with a constant torque fan motor. These units have 5 speed taps to provide greater on site flexibility to match comfort requirements.
- **Protected Compressor** - The compressor is internally protected against high pressure and temperature. This is accomplished by the simultaneous operation of high pressure relief valve and a temperature sensor which protect the compressor if undesirable operating conditions occur.
- **Pressure Switches** - High pressure switches standard in all heat pump units. When abnormal conditions are sensed through the pressure switches, the unit will lock out after 3 tries preventing any further operation until reset or problem is corrected.
- **Exclusive Coil Design** - Grooved copper tubes and enhanced aluminum fin construction improves heat transfer for maximum efficiency and durability.
- **Low Maintenance** - Long life, permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance adding greater reliability to the unit.
- **Secured Service Access Ports** - Protected, externally mounted, re-usable service access ports are provided on both the high and low lines for ease of evacuating and charging the system. No final field mounting required.
- **Easy Service Access** - A large, single panel covers the electrical controls makes servicing easy. The blower compartment has a large panel which when removed will allow the blower fan assembly to slide-out for ease of maintenance and trouble shooting.
- **Replacement Parts** - The installer requires no special training to replace any of the components of these units and does not need to maintain an inventory of unique parts.

Field Installed Accessories

- **Wall Thermostat** - The units are designed to operate with 24-volt electronic and electro-mechanical thermostats.
- **Electric Heat Kit** - Available in 3 different kW capacities (5, 10 and 15 kW). (Single phase only)
- **Start Assist Kits** - Available for all models.
- **Outdoor Thermostat** - Available for all heat pump models.

Guide Specifications

GENERAL

Units shall be factory-assembled, single packaged, Electric Cooling units, designed for outdoor mounted installation. Units shall have minimum SEER ratings of 13.0. Heat pump 7.7 HSPF.

The units shall be factory wired, piped, charged with R-22 refrigerant and factory tested prior to shipment. All unit wiring shall be color coded.

All units shall be manufactured in a facility certified to ISO 9001 standards, and the cooling performance shall be rated in accordance with DOE and ARI test procedures. Units shall be certified to UL 1995/CAN/CSA C22.2 No. 236 standards.

UNIT CABINET

1. Unit cabinet shall be constructed of G90, pre-paint textured steel, certified at 500 hours salt spray test per ASTMB117 standards.
2. The unit top shall be a single piece "Water Shed" design.
3. Unit shall have a rigidly mounted condenser coil guard to provide protection from objects and personnel after installation.
4. Indoor blower section shall be insulated with up to 3/4" thick insulation.
5. Cabinet panels shall be "large" size, easily removable for servicing and maintenance.

6. Unit shall be built on a formed, "Super-Structure" design base pan, with embossments at critical points to add strength, rigidity and aid in minimizing sound.
7. Full perimeter base rails shall be provided to assure reliable transit of equipment.
8. Condensate pan shall be internally sloped and conform to ASHARE 62-89 self-draining standards, with 3/4" NPTI copper, ridged mount connection.

INDOOR (EVAPORATOR) FAN ASSEMBLY

1. Fan shall be direct drive, constant torque design with 5 available speed selections.
2. Fan wheel shall be double-inlet type with forward-curved blades, dynamically balanced to operate smoothly throughout the entire range of operation. Airflow design shall be constant air volume.
3. Bearings shall be sealed and permanently lubricated for longer life and no maintenance.
4. Fan assembly shall be accessible via removable inlet ring.

OUTDOOR (CONDENSER) FAN ASSEMBLY

1. The outdoor fan shall be of the direct-driven propeller type, discharge air vertically, have aluminum blades riveted to corrosion resistant steel spider bracket and shall be statically balanced for smooth operation.
2. The outdoor fan motor shall be totally enclosed with permanently lubricated bearings and internally protected against overload conditions.

REFRIGERANT COMPONENTS

Compressors:

a. Shall be fully hermetic reciprocating, rotary or scroll type, direct drive, internally protected with internal high-pressure relief and over temperature protection. The hermetic motor shall be suction gas cooled and have a voltage range of + or - 10% of the unit nameplate voltage.

b. Shall have internal isolation and sound muffling to minimize vibration and noise, and be externally isolated on a dedicated, independent mounting.

Coils:

a. Evaporator and condenser coils shall have aluminum plate fins mechanically bonded to seamless internally-enhanced copper tubes with all joints brazed.

b. Evaporator and Condenser coils shall be of the direct expansion, draw-thru design.

Refrigerant Circuit and Refrigerant Safety Components shall include:

a. Independent fixed-orifice or TXV expansion devices.

b. Filter/strainer to eliminate any foreign matter.

c. Accessible service gage connections on both suction and discharge lines to charge, evacuate, and measure refrigerant pressure during any necessary servicing or troubleshooting, without losing charge and without disrupting condenser or evaporator air flow.

Unit Controls:

a. Controls shall be mounted in a large control box, allowing easy access for trouble shooting and maintenance without affecting the normal system operation pressures.

b. Unit shall have large, easily removable panels, covering electrical controls and compressor, allowing easy access for any necessary maintenance or servicing.

ELECTRIC HEATING SECTION

1. An electric heating section, with nickel chromium elements, shall be provided in a range of 5 thru 15 KW, single phase only.
2. The heating section shall have a primary limit control(s) and automatic reset, to prevent the heating element system from operating at an excessive temperature.
3. The heating section assembly shall slide out of the unit for easy maintenance and service.

UNIT OPERATING CHARACTERISITCS

1. Unit shall be capable of starting and running at 125° F outdoor temperature, exceeding maximum load criteria of ARI Standard 210/240.
2. The compressor, with standard controls, shall be capable of cooling operation down to 45° F outdoor temperature. Accessory low ambient kit shall be available for operation to 0° F.

ELECTRICAL REQUIREMENTS

All unit power wiring shall enter unit cabinet at a single factory provided location.

Separate openings shall be provided for the control wiring.

Physical Data

SJ024-060 Physical Data

Component	Models					
	SJ024	SJ030	SJ036	SJ042	SJ048	SJ060
Nominal Tonnage	**2.0**	**2.5**	**3.0**	**3.5**	**4.0**	**5.0**
ARI COOLING PERFORMANCE						
Gross Capacity @ ARI A point (Btu)	22900	28800	36100	42100	47100	58000
ARI net capacity (Btu)	22500	28000	35100	41000	46200	56400
EER	11.5	11.4	11.3	11.4	11.65	11.4
SEER	13	13	13	13	13	13
Nominal CFM	800	1000	1100	1200	1400	1650
System power (KW)	1.96	2.6	3.10	3.60	3.97	4.94
Refrigerant type	R-22	R-22	R-22	R-22	R-22	R-22
Refrigerant charge (lb-oz)						
System 1	5-5	6-6	7-0	7-12	8-0	10-8
DIMENSIONS (inches)						
Length	45-1/4	45-1/4	47-1/4	47-1/4	57-9/16	57-9/16
Width	30-13/16	30-13/16	32-13/16	32-13/16	32-13/16	32-13/16
Height	26-11/16	26-11/16	30-11/16	30-11/16	34-11/16	34-11/16
OPERATING WT. (lbs.)	259	270	345	349	375	385
COMPRESSORS						
Type	Recip	Rotary	Recip	Recip	Recip	Scroll
Quantity	1	1	1	1	1	1
CONDENSER COIL DATA						
Face area (Sq. Ft.)	9.2	9.2	11.3	11.3	16.0	16.0
Rows	2	2	2	2	2	2
Fins per inch	15	15	15	15	15	15
Tube diameter (in.)	3/8	3/8	3/8	3/8	3/8	3/8
Circuitry Type	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined
EVAPORATOR COIL DATA						
Face area (Sq. Ft.)	3.61	3.61	4.67	4.67	5.44	5.44
Rows	3	3	4	4	3	4
Fins per inch	13	13	13	13	13	13
Tube diameter	3/8	3/8	3/8	3/8	3/8	3/8
Circuitry Type	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined
Refrigerant control	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
CONDENSER FAN DATA						
Quantity	1	1	1	1	1	1
Fan diameter (Inch)	18	18	20	20	22	22
Type	Prop	Prop	Prop	Prop	Prop	Prop
Drive type	Direct	Direct	Direct	Direct	Direct	Direct
No. speeds	1	1	1	1	1	1
Number of motors	1	1	1	1	1	1
Motor HP each	1/4	1/4	1/4	1/4	1/3	1/3
RPM	850	850	1100	1100	1100	1100
Nominal total CFM	2200	2200	2800	2800	3200	3200
DIRECT DRIVE EVAP FAN DATA						
Quantity	1	1	1	1	1	1
Fan Size (Inch)	10 x 7	10 x 7	10 x 7	10 x 7	11 x 10	11 x 10
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Motor HP each	1/2	1/2	1/2	1/2	1	1
RPM	1100	1100	1100	1100	1100	1100
Frame size	48	48	48	48	48	48
FILTERS						
Quantity - Size	-	-	-	-	-	-

JP024-060 Physical Data

Component	Models					
	JP024	JP030	JP036	JP042	JP048	JP060
Nominal Tonnage	**2.0**	**2.5**	**3.0**	**3.5**	**4.0**	**5.0**
ARI COOLING PERFORMANCE						
Gross Capacity @ ARI A point (Btu)	25160	29700	37000	45800	50600	55700
ARI net capacity (Btu)	24660	29000	36000	44700	49300	53600
EER	11.95	11.5	11.3	11.9	12.2	11.15
SEER	13	13	13	13	13	13
Nominal CFM	900	1000	1150	1400	1500	1750
System power (KW)	2060	2500	3200	3740	4030	4820
Refrigerant type	R-22	R-22	R-22	R-22	R-22	R-22
Refrigerant charge (lb-oz)						
System 1	10-4	10-8	10-8	11-8	11-8	11-8
ARI HEATING PERFORMANCE						
47°F Capacity Rating (MBH)	22400	25900	32100	39600	43900	50000
System Power KW/COP	1760/3.70	2100/3.60	2780/3.40	3420/3.40	3750/3.45	4580/3.25
17°F Capacity Rating (MBH)	10500	12900	17300	19900	23600	29000
System Power KW/COP	1490/2.10	1770/2.15	2410/2.10	2835/2.05	3400/2.05	3980/2.10
HSPF BTU/Watts-hr	7.7	7.7	7.7	7.7	7.7	7.7
DIMENSIONS (inches)						
Length	47-1/4	47-1/4	47-1/4	57-9/16	57-9/16	57-9/16
Width	32-13/16	32-13/16	32-13/16	32-13/16	32-13/16	32-13/16
Height	30-11/16	30-11/16	30-11/16	34-11/16	34-11/16	34-11/16
OPERATING WT. (lbs.)	342	347	350	372	382	390
COMPRESSORS						
Type	Recip	Recip	Recip	Recip	Scroll	Scroll
Quantity	1	1	1	1	1	1
CONDENSER COIL DATA						
Face area (Sq. Ft.)	11.28	11.28	11.28	16	16	16
Rows	2	2	2	2	2	2
Fins per inch	15	15	15	15	15	15
Tube diameter (in.)	3/8	3/8	3/8	3/8	3/8	3/8
Circuitry Type	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined
Refrigerant Control	TXV	TXV	TXV	TXV	TXV	TXV
EVAPORATOR COIL DATA						
Face area (Sq. Ft.)	4.67	4.67	4.67	5.44	5.44	5.44
Rows	4	4	4	4	4	4
Fins per inch	13	13	13	13	13	13
Tube diameter	3/8	3/8	3/8	3/8	3/8	3/8
Circuitry Type	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined	Intertwined
Refrigerant control	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
CONDENSER FAN DATA						
Quantity	1	1	1	1	1	1
Fan diameter (Inch)	20	20	20	22	22	22
Type	Prop	Prop	Prop	Prop	Prop	Prop
Drive type	Direct	Direct	Direct	Direct	Direct	Direct
No. speeds	1	1	1	1	1	1
Number of motors	1	1	1	1	1	1
Motor HP each	1/4	1/4	1/4	1/3	1/3	1/3
RPM	850	850	1100	1100	1100	1100
Nominal total CFM	2500	2500	2850	3200	3200	3200
DIRECT DRIVE EVAP FAN DATA						
Quantity	1	1	1	1	1	1
Fan diameter (Inch)	10 x 7	10 x 7	10 x 7	11 x 10	11 x 10	11 x 10
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Drive type	Direct	Direct	Direct	Direct	Direct	Direct
No. speeds	5	5	5	5	5	5
Number of motors	1	1	1	1	1	1
Motor HP each	1/2	1/2	1/2	1	1	1
RPM	1100	1100	1100	1100	1100	1100
Frame size	48	48	48	48	48	48

SJ and JP Unit Limitations

Size (Tons)	Model	Unit Voltage	Unit Limitations		
			Applied Voltage		Outdoor DB Temp
			Min	Max	Max (°F)
024 (2.0)	SJ JP	208/230-1-60	187	252	125
030 (2.5)	SJ JP	208/230-1-60	187	252	125
036 (3.0)	SJ JP	208/230-1-60	187	252	125
		208/230-3-60	187	252	125
042 (3.5)	SJ JP	208/230-1-60	187	252	125
048 (4.0)	SJ JP	208/230-1-60	187	252	125
		208/230-3-60	187	252	125
		460-3-60	432	504	125
060 (5.0)	SJ JP	208/230-1-60	187	252	125
		208/230-3-60	187	252	125
		460-3-60	432	504	125

Capacity Performance

SJ024-060 Cooling Capacities

SJ024 (2.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total	Total	Sensible Capacity (MBh)						Total	Total	Sensible Capacity (MBh)						
CFM	WB	Capacity[1]	Input	Return Dry Bulb (°F)						Capacity[1]	Input	Return Dry Bulb (°F)						
	(°F)	(MBh)	(kW)[2]	86	83	80	77	74	71	68	(MBh)	(kW)[2]	86	83	80	77	74	71	68
		75°F									**85°F**								
600	72	28.6	1.4	16.5	14.8	13.1	11.4	9.7	-	-	26.6	1.6	15.9	14.2	12.5	10.8	9.1	-	-
	67	26.4	1.5	20.0	18.3	16.5	14.8	13.1	11.4	9.7	24.5	1.7	19.3	17.6	15.9	14.2	12.5	10.7	9.0
	62	24.5	1.6	24.3	22.2	20.5	18.8	17.1	15.4	13.7	22.8	1.7	22.7	21.0	19.3	17.6	15.9	14.2	12.5
	57	24.5	1.6	24.3	22.2	20.5	18.8	17.1	15.4	13.7	22.8	1.7	22.7	21.0	19.3	17.6	15.9	14.2	12.5
700	72	29.4	1.4	18.2	16.2	14.1	12.1	10.1	-	-	27.3	1.6	17.6	15.5	13.5	11.5	9.5	-	-
	67	27.2	1.5	21.9	19.9	17.9	15.9	13.8	11.8	9.8	25.2	1.6	21.2	19.2	17.2	15.1	13.1	11.1	9.1
	62	25.2	1.6	25.1	24.0	22.2	20.1	18.1	16.1	14.1	23.4	1.7	23.4	22.5	20.9	18.9	16.8	14.8	12.8
	57	25.2	1.6	25.1	24.0	22.2	20.1	18.1	16.1	14.1	23.4	1.7	23.4	22.5	20.9	18.9	16.8	14.8	12.8
800	72	30.2	1.4	19.9	17.5	15.2	12.9	10.5	-	-	28.0	1.5	19.2	16.9	14.5	12.2	9.9	-	-
	67	27.9	1.5	23.9	21.5	19.2	16.9	14.5	12.2	9.9	25.8	1.6	23.1	20.8	18.5	16.1	13.8	11.5	9.1
	62	25.8	1.6	25.8	25.8	23.8	21.5	19.1	16.8	14.5	24.0	1.7	24.0	24.0	22.5	20.1	17.8	15.5	13.1
	57	25.8	1.6	25.8	25.8	23.8	21.5	19.1	16.8	14.5	24.0	1.7	24.0	24.0	22.5	20.1	17.8	15.5	13.1
900	72	30.8	1.3	21.5	18.9	16.2	13.6	10.9	-	-	28.5	1.5	20.8	18.2	15.5	12.9	10.2	-	-
	67	28.4	1.5	26.4	23.1	20.5	17.8	15.2	12.5	9.9	26.3	1.6	24.9	22.4	19.7	17.1	14.4	11.7	9.1
	62	26.3	1.5	26.3	26.3	25.3	22.6	20.0	17.3	14.7	24.5	1.7	24.5	24.5	23.7	21.0	18.4	15.7	13.0
	57	26.3	1.5	26.3	26.3	25.3	22.6	20.0	17.3	14.7	24.5	1.7	24.5	24.5	23.7	21.0	18.4	15.7	13.0
1000	72	31.3	1.3	23.2	20.2	17.2	14.2	11.3	-	-	29.0	1.5	22.5	19.5	16.5	13.5	10.5	-	-
	67	28.9	1.4	28.9	24.7	21.8	18.8	15.8	12.8	9.8	26.7	1.6	26.7	23.9	21.0	18.0	15.0	12.0	9.0
	62	26.8	1.5	26.8	26.8	26.8	23.8	20.8	17.8	14.8	24.9	1.6	24.9	24.9	24.9	21.9	18.9	15.9	13.0
	57	26.8	1.5	26.8	26.8	26.8	23.8	20.8	17.8	14.8	24.9	1.6	24.9	24.9	24.9	21.9	18.9	15.9	13.0
		95°F									**105°F**								
600	72	24.6	1.7	15.3	13.6	11.9	10.2	8.5	-	-	21.1	1.9	14.5	12.7	11.0	9.3	7.6	-	-
	67	22.5	1.8	18.6	16.9	15.2	13.5	11.8	10.1	8.4	19.3	1.9	17.4	15.9	14.2	12.5	10.8	9.1	7.3
	62	21.1	1.8	21.1	19.8	18.1	16.4	14.7	13.0	11.3	18.2	1.9	18.2	17.6	16.5	14.8	13.1	11.4	9.7
	57	21.1	1.8	21.1	19.8	18.1	16.4	14.7	13.0	11.3	18.2	1.9	18.2	17.6	16.5	14.8	13.1	11.4	9.7
700	72	25.2	1.7	16.9	14.9	12.9	10.9	8.8	-	-	21.7	1.9	16.0	14.0	12.0	10.0	7.9	-	-
	67	23.1	1.8	20.5	18.5	16.5	14.4	12.4	10.4	8.4	19.8	1.9	18.5	17.2	15.4	13.4	11.4	9.3	7.3
	62	21.7	1.8	21.7	21.0	19.6	17.6	15.6	13.5	11.5	18.7	1.9	18.7	18.4	18.0	15.9	13.9	11.9	9.9
	57	21.7	1.8	21.7	21.0	19.6	17.6	15.6	13.5	11.5	18.7	1.9	18.7	18.4	18.0	15.9	13.9	11.9	9.9
800	72	25.8	1.7	18.5	16.2	13.9	11.5	9.2	-	-	22.3	1.9	17.6	15.3	12.9	10.6	8.3	-	-
	67	23.7	1.8	22.4	20.0	17.7	15.4	13.0	10.7	8.4	20.4	1.9	19.7	18.5	16.6	14.3	12.0	9.6	7.3
	62	22.2	1.8	22.2	22.2	21.1	18.8	16.4	14.1	11.8	19.2	1.9	19.2	19.2	19.4	17.0	14.7	12.4	10.1
	57	22.2	1.8	22.2	22.2	21.1	18.8	16.4	14.1	11.8	19.2	1.9	19.2	19.2	19.4	17.0	14.7	12.4	10.0
900	72	26.3	1.7	20.1	17.5	14.8	12.2	9.5	-	-	22.7	1.9	19.1	16.5	13.8	11.2	8.5	-	-
	67	24.1	1.8	23.5	21.6	18.9	16.3	13.6	11.0	8.3	20.7	1.9	20.4	19.4	17.8	15.1	12.5	9.8	7.2
	62	22.6	1.8	22.6	22.6	22.1	19.4	16.7	14.1	11.4	19.5	1.9	19.5	19.5	19.6	17.0	14.3	11.7	9.0
	57	22.6	1.8	22.6	22.6	22.1	19.4	16.7	14.1	11.4	19.5	1.9	19.5	19.5	19.6	17.0	14.3	11.7	9.0
1000	72	26.8	1.7	21.8	18.8	15.8	12.8	9.8	-	-	23.0	1.9	20.5	17.7	14.8	11.8	8.8	-	-
	67	24.6	1.7	24.6	23.2	20.2	17.2	14.2	11.2	8.3	21.1	1.9	21.1	20.4	19.0	16.0	13.0	10.0	7.0
	62	23.0	1.8	23.0	23.0	23.0	20.0	17.0	14.1	11.1	19.9	1.9	19.9	19.9	19.9	16.9	13.9	10.9	7.9
	57	23.0	1.8	23.0	23.0	23.0	20.0	17.0	14.1	11.1	19.9	1.9	19.9	19.9	19.9	16.9	13.9	10.9	7.9
		115°F									**125°F**								
600	72	17.7	2.1	13.6	11.9	10.2	8.5	6.7	-	-	14.2	2.2	12.7	11.0	9.3	7.6	5.9	-	-
	67	16.1	2.1	16.1	14.9	13.2	11.5	9.7	8.0	6.3	12.9	2.2	12.9	12.9	12.1	10.4	8.7	7.0	5.3
	62	15.3	2.0	15.3	15.3	15.0	13.2	11.5	9.8	8.1	12.4	2.2	12.4	12.4	12.4	11.7	9.9	8.2	6.5
	57	15.3	2.0	15.3	15.3	15.0	13.2	11.5	9.8	8.1	12.4	2.2	12.4	12.4	12.4	11.7	9.9	8.2	6.5
700	72	18.2	2.1	15.1	13.1	11.1	9.1	7.0	-	-	14.7	2.2	14.2	12.2	10.2	8.2	6.1	-	-
	67	16.5	2.1	16.5	15.9	14.4	12.3	10.3	8.3	6.3	13.3	2.2	13.3	13.3	13.3	11.3	9.3	7.2	5.2
	62	15.7	2.1	15.7	15.7	16.3	14.3	12.3	10.2	8.2	12.8	2.2	12.8	12.8	12.8	12.6	10.6	8.6	6.6
	57	15.7	2.1	15.7	15.7	16.3	14.3	12.3	10.2	8.2	12.8	2.2	12.8	12.8	12.8	12.6	10.6	8.6	6.6
800	72	18.7	2.1	16.7	14.3	12.0	9.7	7.3	-	-	15.1	2.2	15.1	13.4	11.1	8.7	6.4	-	-
	67	17.0	2.1	17.0	17.0	15.5	13.2	10.9	8.5	6.2	13.6	2.2	13.6	13.6	13.6	12.1	9.8	7.5	5.1
	62	16.2	2.1	16.2	16.2	17.7	15.3	13.0	10.7	8.3	13.2	2.2	13.2	13.2	13.2	13.2	11.3	8.9	6.6
	57	16.2	2.1	16.2	16.2	17.7	15.3	13.0	10.7	8.3	13.2	2.2	13.2	13.2	13.2	13.2	11.3	8.9	6.6
900	72	19.0	2.1	18.0	15.5	12.9	10.2	7.5	-	-	15.4	2.3	15.4	14.5	11.9	9.2	6.6	-	-
	67	17.3	2.1	17.3	17.3	16.6	14.0	11.3	8.7	6.0	13.9	2.2	13.9	13.9	13.9	12.8	10.2	7.5	4.9
	62	16.5	2.1	16.5	16.5	17.2	14.5	11.9	9.2	6.6	13.4	2.2	13.4	13.4	13.4	12.1	9.5	6.8	4.1
	57	16.5	2.1	16.5	16.5	17.2	14.5	11.9	9.2	6.6	13.4	2.2	13.4	13.4	13.4	12.1	9.5	6.8	4.1
1000	72	19.3	2.1	19.3	16.7	13.7	10.7	7.8	-	-	15.6	2.3	15.6	15.6	12.7	9.7	6.7	-	-
	67	17.6	2.1	17.6	17.6	17.8	14.8	11.8	8.8	5.8	14.1	2.2	14.1	14.1	14.1	13.6	10.6	7.6	4.6
	62	16.7	2.1	16.7	16.7	16.7	13.8	10.8	7.8	4.8	13.6	2.2	13.6	13.6	13.6	10.6	7.6	4.7	1.7
	57	16.7	2.1	16.7	16.7	16.7	13.8	10.8	7.8	4.8	13.6	2.2	13.6	13.6	13.6	10.6	7.6	4.7	1.7

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

SJ030 (2.5 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
750	72	30.6	2.1	20.5	18.4	16.2	14.1	12.0	-	-	29.8	2.1	19.6	17.4	15.3	13.2	11.0	-	-
	67	28.0	2.1	24.7	22.5	20.4	18.3	16.1	14.0	11.9	27.3	2.1	23.7	21.5	19.4	17.2	15.1	13.0	10.8
	62	25.7	2.0	25.7	26.6	24.9	22.8	20.6	18.5	16.4	25.4	2.1	25.4	25.4	23.5	21.3	19.2	17.0	14.9
	57	25.7	2.0	25.7	26.6	24.9	22.8	20.6	18.5	16.4	25.4	2.1	25.4	25.4	23.5	21.3	19.2	17.0	14.9
875	72	31.5	2.0	22.6	20.1	17.5	15.0	12.5	-	-	30.7	2.1	21.6	19.1	16.5	14.0	11.5	-	-
	67	28.8	2.0	27.1	24.6	22.0	19.5	17.0	14.4	11.9	28.1	2.1	26.0	23.5	21.0	18.4	15.9	13.4	10.9
	62	26.4	2.0	26.4	26.9	26.9	24.4	21.8	19.3	16.8	26.1	2.1	26.1	26.1	25.4	22.9	20.3	17.8	15.3
	57	26.4	2.0	26.4	26.9	26.9	24.4	21.8	19.3	16.8	26.1	2.1	26.1	26.1	25.4	22.9	20.3	17.8	15.3
1000	72	32.3	1.9	24.6	21.7	18.8	15.9	13.0	-	-	31.5	2.1	23.6	20.7	17.8	14.9	12.0	-	-
	67	29.5	1.9	29.5	26.6	23.6	20.7	17.8	14.9	12.0	28.9	2.1	28.4	25.5	22.6	19.7	16.7	13.8	10.9
	62	27.1	1.9	27.1	27.1	28.9	25.9	23.0	20.1	17.2	26.8	2.1	26.8	26.8	27.3	24.4	21.5	18.6	15.6
	57	27.1	1.9	27.1	27.1	28.9	25.9	23.0	20.1	17.2	26.8	2.1	26.8	26.8	27.3	24.4	21.5	18.6	15.6
1125	72	33.0	2.0	26.6	23.3	20.0	16.7	13.4	-	-	32.1	2.1	25.6	22.3	19.0	15.7	12.3	-	-
	67	30.2	2.0	30.2	28.5	25.1	21.8	18.5	15.2	11.9	29.4	2.1	29.2	27.4	24.1	20.7	17.4	14.1	10.8
	62	27.7	2.0	27.7	27.7	28.6	25.3	22.0	18.6	15.3	27.3	2.1	27.3	27.3	27.6	24.2	20.9	17.6	14.3
	57	27.7	2.0	27.7	27.7	28.6	25.3	22.0	18.6	15.3	27.3	2.1	27.3	27.3	27.5	24.2	20.9	17.6	14.3
1250	72	33.7	2.1	28.7	24.9	21.2	17.5	13.8	-	-	32.7	2.1	27.6	23.9	20.1	16.4	12.7	-	-
	67	30.8	2.1	30.8	30.4	26.6	22.9	19.2	15.5	11.7	29.9	2.1	29.9	29.3	25.5	21.8	18.1	14.4	10.6
	62	28.3	2.1	28.3	28.3	28.3	24.6	20.9	17.2	13.4	27.8	2.1	27.8	27.8	27.8	24.1	20.3	16.6	12.9
	57	28.3	2.1	28.3	28.3	28.3	24.6	20.9	17.2	13.4	27.8	2.1	27.8	27.8	27.8	24.1	20.3	16.6	12.9
		95°F									**105°F**								
750	72	29.0	2.2	18.6	16.5	14.3	12.2	10.1	-	-	25.7	2.5	17.6	15.4	13.3	11.2	9.0	-	-
	67	26.6	2.1	22.6	20.5	18.4	16.2	14.1	11.9	9.8	23.6	2.4	21.4	19.3	17.2	15.0	12.9	10.7	8.6
	62	25.0	2.1	25.0	24.1	22.0	19.9	17.7	15.6	13.4	22.4	2.4	22.4	22.0	20.1	18.0	15.8	13.7	11.5
	57	25.0	2.1	25.0	24.1	22.0	19.9	17.7	15.6	13.4	22.4	2.4	22.4	22.0	20.1	18.0	15.8	13.7	11.5
875	72	29.8	2.3	20.6	18.1	15.6	13.0	10.5	-	-	26.4	2.5	19.5	17.0	14.4	11.9	9.4	-	-
	67	27.4	2.2	25.0	22.5	19.9	17.4	14.9	12.3	9.8	24.3	2.5	23.0	21.1	18.6	16.1	13.6	11.0	8.5
	62	25.7	2.2	25.7	25.3	23.9	21.4	18.8	16.3	13.8	23.0	2.5	23.0	22.8	21.8	19.3	16.8	14.2	11.7
	57	25.7	2.2	25.7	25.3	23.9	21.4	18.8	16.3	13.8	23.0	2.5	23.0	22.8	21.8	19.3	16.8	14.2	11.7
1000	72	30.7	2.3	22.6	19.7	16.8	13.9	11.0	-	-	27.1	2.6	21.4	18.5	15.6	12.7	9.7	-	-
	67	28.2	2.3	27.3	24.4	21.5	18.6	15.7	12.7	9.8	24.9	2.5	24.5	23.0	20.1	17.2	14.2	11.3	8.4
	62	26.5	2.3	26.5	26.5	25.8	22.8	19.9	17.0	14.1	23.6	2.5	23.6	23.6	23.5	20.6	17.7	14.8	11.9
	57	26.5	2.3	26.5	26.5	25.8	22.8	19.9	17.0	14.1	23.6	2.5	23.6	23.6	23.5	20.6	17.7	14.8	11.9
1125	72	31.2	2.3	24.6	21.3	17.9	14.6	11.3	-	-	27.5	2.6	23.3	20.0	16.7	13.3	10.0	-	-
	67	28.6	2.2	28.2	26.3	23.0	19.6	16.3	13.0	9.7	25.3	2.5	25.1	24.1	21.5	18.2	14.8	11.5	8.2
	62	26.9	2.2	26.9	26.9	26.5	23.2	19.9	16.5	13.2	24.0	2.5	24.0	24.0	23.9	20.6	17.3	14.0	10.7
	57	26.9	2.2	26.9	26.9	26.5	23.2	19.9	16.5	13.2	24.0	2.5	24.0	24.0	23.9	20.6	17.3	14.0	10.7
1250	72	31.6	2.2	26.5	22.8	19.1	15.4	11.6	-	-	27.9	2.5	25.2	21.5	17.8	14.0	10.3	-	-
	67	29.0	2.2	29.0	28.2	24.4	20.7	17.0	13.3	9.5	25.7	2.5	25.7	25.2	22.9	19.2	15.4	11.7	8.0
	62	27.3	2.1	27.3	27.3	27.3	23.5	19.8	16.1	12.3	24.4	2.5	24.4	24.4	24.4	20.6	16.9	13.2	9.5
	57	27.3	2.1	27.3	27.3	27.3	23.5	19.8	16.1	12.3	24.4	2.5	24.4	24.4	24.4	20.6	16.9	13.2	9.5
		115°F									**125°F**								
750	72	22.4	2.8	16.6	14.4	12.3	10.1	8.0	-	-	19.2	3.1	15.5	13.4	11.3	9.1	7.0	-	-
	67	20.7	2.7	20.2	18.1	15.9	13.8	11.7	9.5	7.4	17.7	3.0	17.7	16.9	14.7	12.6	10.5	8.3	6.2
	62	19.9	2.7	19.9	19.9	18.2	16.1	13.9	11.8	9.6	17.3	3.0	17.3	17.3	16.3	14.2	12.0	9.9	7.7
	57	19.9	2.7	19.9	19.9	18.2	16.1	13.9	11.8	9.6	17.3	3.0	17.3	17.3	16.3	14.2	12.0	9.9	7.7
875	72	23.0	2.8	18.4	15.9	13.3	10.8	8.3	-	-	19.5	3.1	17.3	14.7	12.2	9.7	7.2	-	-
	67	21.1	2.8	20.9	19.8	17.3	14.8	12.3	9.7	7.2	18.0	3.0	18.0	18.0	16.0	13.5	10.9	8.4	5.9
	62	20.3	2.7	20.3	20.3	19.7	17.2	14.7	12.2	9.6	17.7	3.0	17.7	17.7	17.7	15.2	12.6	10.1	7.6
	57	20.3	2.7	20.3	20.3	19.7	17.2	14.7	12.2	9.6	17.7	3.0	17.7	17.7	17.7	15.2	12.6	10.1	7.6
1000	72	23.5	2.8	20.2	17.3	14.4	11.5	8.5	-	-	19.9	3.1	19.0	16.1	13.2	10.2	7.3	-	-
	67	21.6	2.8	21.6	21.6	18.7	15.7	12.8	9.9	7.0	18.4	3.0	18.4	18.4	17.2	14.3	11.4	8.5	5.6
	62	20.8	2.7	20.8	20.8	21.3	18.4	15.5	12.5	9.6	18.0	3.0	18.0	18.0	18.0	16.2	13.2	10.3	7.4
	57	20.8	2.7	20.8	20.8	21.3	18.4	15.5	12.5	9.6	18.0	3.0	18.0	18.0	18.0	16.2	13.2	10.3	7.4
1125	72	23.9	2.8	22.0	18.7	15.4	12.1	8.8	-	-	20.2	3.1	20.2	17.5	14.1	10.8	7.5	-	-
	67	22.0	2.8	22.0	21.9	20.0	16.7	13.4	10.0	6.7	18.7	3.0	18.7	18.7	18.5	15.2	11.9	8.6	5.2
	62	21.2	2.8	21.2	21.2	21.4	18.1	14.7	11.4	8.1	18.3	3.0	18.3	18.3	18.3	15.5	12.2	8.9	5.5
	57	21.2	2.8	21.2	21.2	21.4	18.1	14.7	11.4	8.1	18.3	3.0	18.3	18.3	18.3	15.5	12.2	8.9	5.5
1250	72	24.2	2.8	23.9	20.2	16.4	12.7	9.0	-	-	20.6	3.2	20.6	18.8	15.1	11.4	7.6	-	-
	67	22.3	2.8	22.3	22.3	21.3	17.6	13.9	10.2	6.4	19.0	3.1	19.0	19.0	19.0	16.1	12.3	8.6	4.9
	62	21.5	2.8	21.5	21.5	21.5	17.8	14.0	10.3	6.6	18.6	3.1	18.6	18.6	18.6	14.9	11.1	7.4	3.7
	57	21.5	2.8	21.5	21.5	21.5	17.8	14.0	10.3	6.6	18.6	3.1	18.6	18.6	18.6	14.9	11.1	7.4	3.7

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

SJ036 (3.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total	Total	Sensible Capacity (MBh)							Total	Total	Sensible Capacity (MBh)						
CFM	WB	Capacity[1]	Input	Return Dry Bulb (°F)							Capacity[1]	Input	Return Dry Bulb (°F)						
	(°F)	(MBh)	(kW)[2]	86	83	80	77	74	71	68	(MBh)	(kW)[2]	86	83	80	77	74	71	68
		75°F									**85°F**								
900	72	43.4	2.6	25.6	23.1	20.5	17.9	15.4	-	-	40.6	2.7	24.0	21.5	18.9	16.3	13.8	-	-
	67	39.9	2.6	31.1	28.5	26.0	23.4	20.8	18.3	15.7	37.3	2.7	29.3	26.8	24.2	21.6	19.1	16.5	13.9
	62	36.6	2.6	37.1	34.6	32.0	29.4	26.9	24.3	21.7	34.7	2.6	34.7	32.1	29.6	27.0	24.4	21.9	19.3
	57	37.0	2.6	37.5	35.2	32.7	30.1	27.5	25.0	22.4	34.9	2.6	34.9	32.5	29.9	27.3	24.8	22.2	19.6
1050	72	44.7	2.7	28.2	25.2	22.1	19.1	16.1	-	-	41.7	2.7	26.5	23.5	20.4	17.4	14.4	-	-
	67	41.1	2.6	34.1	31.1	28.0	25.0	22.0	18.9	15.9	38.4	2.7	32.3	29.2	26.2	23.2	20.1	17.1	14.1
	62	37.7	2.6	37.9	36.7	34.6	31.5	28.5	25.5	22.4	35.7	2.6	35.7	34.4	32.0	29.0	25.9	22.9	19.9
	57	38.1	2.6	38.4	37.2	35.3	32.3	29.2	26.2	23.2	35.9	2.6	35.9	34.7	32.3	29.3	26.3	23.3	20.2
1200	72	46.0	2.7	30.8	27.3	23.8	20.3	16.8	-	-	42.9	2.7	29.0	25.5	22.0	18.5	15.0	-	-
	67	42.3	2.6	37.1	33.6	30.1	26.6	23.1	19.6	16.1	39.5	2.7	35.2	31.7	28.2	24.7	21.2	17.7	14.2
	62	38.8	2.6	38.8	38.8	37.1	33.6	30.1	26.6	23.1	36.7	2.7	36.7	36.7	34.4	30.9	27.4	23.9	20.4
	57	39.3	2.6	39.3	39.3	37.9	34.4	30.9	27.4	23.9	36.9	2.7	36.9	36.9	34.8	31.3	27.8	24.3	20.8
1350	72	46.9	2.7	33.3	29.3	25.4	21.4	17.4	-	-	43.7	2.7	31.4	27.4	23.4	19.5	15.5	-	-
	67	43.1	2.7	40.4	36.1	32.1	28.1	24.2	20.2	16.2	40.2	2.7	38.0	34.0	30.0	26.0	22.1	18.1	14.1
	62	39.5	2.6	39.5	39.5	38.7	34.7	30.7	26.7	22.7	37.3	2.7	37.3	37.3	36.2	32.2	28.2	24.2	20.3
	57	40.0	2.6	40.0	40.0	39.3	35.3	31.4	27.4	23.4	37.6	2.7	37.6	37.6	36.5	32.5	28.6	24.6	20.6
1500	72	47.8	2.7	35.9	31.4	27.0	22.5	18.0	-	-	44.5	2.8	33.8	29.4	24.9	20.4	16.0	-	-
	67	43.9	2.7	43.8	38.6	34.2	29.7	25.2	20.7	16.3	40.9	2.7	40.8	36.4	31.9	27.4	23.0	18.5	14.0
	62	40.3	2.6	40.3	40.3	40.3	35.8	31.3	26.8	22.4	38.0	2.7	38.0	38.0	38.0	33.5	29.0	24.6	20.1
	57	40.8	2.6	40.8	40.8	40.8	36.3	31.8	27.4	22.9	38.3	2.7	38.3	38.3	38.3	33.8	29.3	24.8	20.4
		95°F									**105°F**								
900	72	37.7	2.8	22.4	19.9	17.3	14.7	12.2	-	-	33.9	3.1	21.5	19.0	16.4	13.8	11.3	-	-
	67	34.7	2.7	27.6	25.0	22.5	19.9	17.3	14.8	12.2	31.1	3.0	26.4	23.9	21.3	18.7	16.2	13.6	11.0
	62	32.8	2.7	32.3	29.7	27.1	24.6	22.0	19.4	16.9	29.7	3.0	29.4	27.9	25.3	22.7	20.2	17.6	15.0
	57	32.8	2.7	32.3	29.7	27.1	24.6	22.0	19.4	16.9	29.7	3.0	29.4	27.9	25.3	22.7	20.2	17.6	15.0
1050	72	38.8	2.8	24.8	21.8	18.8	15.7	12.7	-	-	34.7	3.1	23.9	20.8	17.8	14.8	11.7	-	-
	67	35.7	2.7	30.4	27.4	24.3	21.3	18.3	15.3	12.2	31.9	3.0	28.7	26.1	23.1	20.1	17.0	14.0	11.0
	62	33.7	2.7	33.4	32.1	29.4	26.4	23.3	20.3	17.3	30.4	3.0	30.3	29.5	27.4	24.4	21.4	18.3	15.3
	57	33.7	2.7	33.4	32.1	29.4	26.4	23.3	20.3	17.3	30.4	3.0	30.3	29.5	27.4	24.4	21.4	18.3	15.3
1200	72	39.8	2.8	27.2	23.7	20.2	16.7	13.2	-	-	35.6	3.1	26.2	22.7	19.2	15.7	12.2	-	-
	67	36.6	2.8	33.2	29.7	26.2	22.7	19.2	15.7	12.2	32.7	3.0	31.0	28.4	24.9	21.4	17.9	14.4	10.9
	62	34.6	2.7	34.6	34.6	31.7	28.2	24.7	21.2	17.7	31.1	3.0	31.1	31.1	29.6	26.1	22.6	19.1	15.6
	57	34.6	2.7	34.6	34.6	31.7	28.2	24.7	21.2	17.7	31.1	3.0	31.1	31.1	29.6	26.1	22.6	19.1	15.6
1350	72	40.5	2.8	29.5	25.5	21.5	17.6	13.6	-	-	36.2	3.1	28.5	24.5	20.5	16.5	12.5	-	-
	67	37.3	2.8	35.6	31.9	27.9	24.0	20.0	16.0	12.0	33.2	3.1	32.4	30.2	26.6	22.6	18.7	14.7	10.7
	62	35.1	2.7	35.1	35.1	33.7	29.7	25.7	21.8	17.8	31.7	3.0	31.7	31.7	30.9	26.9	22.9	18.9	14.9
	57	35.1	2.7	35.1	35.1	33.7	29.7	25.7	21.8	17.8	31.7	3.0	31.7	31.7	30.9	26.9	22.9	18.9	14.9
1500	72	41.2	2.8	31.8	27.3	22.9	18.4	13.9	-	-	36.8	3.1	30.8	26.3	21.8	17.4	12.9	-	-
	67	37.9	2.8	37.9	34.1	29.6	25.2	20.7	16.2	11.8	33.8	3.1	33.8	31.9	28.3	23.9	19.4	14.9	10.5
	62	35.7	2.7	35.7	35.7	35.7	31.3	26.8	22.3	17.8	32.2	3.0	32.2	32.2	32.2	27.7	23.3	18.8	14.3
	57	35.7	2.7	35.7	35.7	35.7	31.3	26.8	22.3	17.8	32.2	3.0	32.2	32.2	32.2	27.7	23.3	18.8	14.3
		115°F									**125°F**								
900	72	30.0	3.4	20.6	18.1	15.5	12.9	10.4	-	-	26.2	3.7	19.7	17.2	14.6	12.0	9.5	-	-
	67	27.5	3.3	25.3	22.7	20.2	17.6	15.0	12.5	9.9	23.9	3.6	23.9	21.6	19.0	16.4	13.9	11.3	8.8
	62	26.6	3.2	26.6	26.0	23.5	20.9	18.4	15.8	13.2	23.5	3.5	23.5	23.5	21.7	19.1	16.5	14.0	11.4
	57	26.6	3.2	26.6	26.0	23.5	20.9	18.4	15.8	13.2	23.5	3.5	23.5	23.5	21.7	19.1	16.5	14.0	11.4
1050	72	30.7	3.4	22.9	19.9	16.8	13.8	10.8	-	-	26.6	3.7	21.9	18.9	15.9	12.8	9.8	-	-
	67	28.1	3.3	27.0	24.9	21.9	18.8	15.8	12.8	9.7	24.3	3.6	24.3	23.7	20.6	17.6	14.6	11.5	8.5
	62	27.1	3.3	27.1	26.9	25.5	22.4	19.4	16.4	13.3	23.9	3.6	23.9	23.9	23.5	20.5	17.4	14.4	11.4
	57	27.1	3.3	27.1	26.9	25.5	22.4	19.4	16.4	13.3	23.9	3.6	23.9	23.9	23.5	20.5	17.4	14.4	11.4
1200	72	31.3	3.4	25.1	21.6	18.1	14.6	11.1	-	-	27.1	3.7	24.1	20.6	17.1	13.6	10.1	-	-
	67	28.7	3.3	28.7	27.1	23.6	20.1	16.6	13.1	9.6	24.8	3.6	24.8	24.8	22.3	18.8	15.3	11.8	8.3
	62	27.7	3.3	27.7	27.7	27.5	24.0	20.5	17.0	13.5	24.3	3.6	24.3	24.3	24.3	21.9	18.4	14.9	11.4
	57	27.7	3.3	27.7	27.7	27.5	24.0	20.5	17.0	13.5	24.3	3.6	24.3	24.3	24.3	21.9	18.4	14.9	11.4
1350	72	31.9	3.4	27.4	23.5	19.5	15.5	11.5	-	-	27.5	3.8	26.4	22.4	18.4	14.5	10.5	-	-
	67	29.2	3.4	29.2	28.4	25.3	21.3	17.3	13.4	9.4	25.2	3.7	25.2	25.2	24.0	20.0	16.0	12.0	8.1
	62	28.2	3.3	28.2	28.2	28.1	24.1	20.1	16.1	12.1	24.7	3.6	24.7	24.7	24.7	21.3	17.3	13.3	9.3
	57	28.2	3.3	28.2	28.2	28.1	24.1	20.1	16.1	12.1	24.7	3.6	24.7	24.7	24.7	21.3	17.3	13.3	9.3
1500	72	32.4	3.5	29.7	25.3	20.8	16.3	11.9	-	-	28.0	3.8	28.0	24.3	19.8	15.3	10.8	-	-
	67	29.7	3.4	29.7	29.7	27.0	22.6	18.1	13.6	9.2	25.6	3.7	25.6	25.6	25.6	21.3	16.8	12.3	7.9
	62	28.7	3.3	28.7	28.7	28.7	24.2	19.7	15.2	10.8	25.1	3.6	25.1	25.1	25.1	20.7	16.2	11.7	7.2
	57	28.7	3.3	28.7	28.7	28.7	24.2	19.7	15.2	10.8	25.1	3.6	25.1	25.1	25.1	20.7	16.2	11.7	7.2

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

SJ042 (3.5 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
1050	72	47.9	2.7	27.3	24.3	21.3	18.3	15.3	-	-	45.5	2.9	26.7	23.8	20.8	17.8	14.8	-	-
	67	44.2	2.6	33.2	30.2	27.2	24.2	21.2	18.2	15.2	42.0	2.9	32.7	29.7	26.7	23.7	20.7	17.7	14.8
	62	40.8	2.5	39.8	36.8	33.8	30.8	27.8	24.8	21.8	39.2	2.8	38.7	35.7	32.7	29.7	26.7	23.7	20.7
	57	40.8	2.5	39.8	36.8	33.8	30.8	27.8	24.8	21.8	39.2	2.8	38.7	35.7	32.7	29.7	26.7	23.7	20.7
1225	72	49.2	2.7	30.0	26.5	22.9	19.4	15.9	-	-	46.8	3.0	29.5	26.0	22.4	18.9	15.3	-	-
	67	45.5	2.6	36.4	32.8	29.3	25.8	22.2	18.7	15.1	43.2	2.9	35.9	32.4	28.9	25.3	21.8	18.3	14.7
	62	42.0	2.6	41.5	40.0	36.5	32.9	29.4	25.8	22.3	40.3	2.8	40.0	38.5	35.3	31.7	28.2	24.7	21.1
	57	42.0	2.6	41.5	40.0	36.5	32.9	29.4	25.8	22.3	40.3	2.8	40.0	38.5	35.3	31.7	28.2	24.7	21.1
1400	72	50.6	2.7	32.8	28.7	24.6	20.5	16.4	-	-	48.0	3.0	32.2	28.2	24.1	20.0	15.9	-	-
	67	46.7	2.7	39.6	35.5	31.4	27.3	23.3	19.2	15.1	44.4	2.9	39.2	35.1	31.0	26.9	22.8	18.8	14.7
	62	43.2	2.6	43.2	43.2	39.1	35.0	30.9	26.9	22.8	41.4	2.8	41.4	41.4	37.9	33.8	29.7	25.6	21.6
	57	43.2	2.6	43.2	43.2	39.1	35.0	30.9	26.9	22.8	41.4	2.8	41.4	41.4	37.9	33.8	29.7	25.6	21.6
1575	72	51.4	2.7	35.4	30.8	26.1	21.5	16.8	-	-	48.8	3.0	34.9	30.3	25.6	21.0	16.3	-	-
	67	47.5	2.7	43.6	38.0	33.4	28.7	24.1	19.4	14.8	45.0	2.9	42.3	37.6	33.0	28.4	23.7	19.1	14.4
	62	43.9	2.6	43.9	43.9	41.8	37.2	32.5	27.9	23.2	42.0	2.9	42.0	42.0	40.3	35.6	31.0	26.3	21.7
	57	43.9	2.6	43.9	43.9	41.8	37.2	32.5	27.9	23.2	42.0	2.9	42.0	42.0	40.3	35.6	31.0	26.3	21.7
1750	72	52.3	2.8	38.1	32.8	27.6	22.4	17.2	-	-	49.5	3.0	37.6	32.4	27.2	22.0	16.7	-	-
	67	48.2	2.7	47.6	40.5	35.3	30.1	24.9	19.6	14.4	45.7	2.9	45.4	40.2	35.0	29.8	24.6	19.3	14.1
	62	44.6	2.6	44.6	44.6	44.6	39.4	34.2	28.9	23.7	42.7	2.9	42.7	42.7	42.7	37.5	32.2	27.0	21.8
	57	44.6	2.6	44.6	44.6	44.6	39.4	34.2	28.9	23.7	42.7	2.9	42.7	42.7	42.7	37.5	32.2	27.0	21.8
		95°F									**105°F**								
1050	72	43.2	3.2	26.2	23.2	20.2	17.3	14.3	-	-	38.8	3.4	24.6	21.6	18.6	15.6	12.6	-	-
	67	39.9	3.1	32.3	29.3	26.3	23.3	20.3	17.3	14.3	35.8	3.3	30.3	27.3	24.3	21.3	18.3	15.3	12.4
	62	37.6	3.0	37.5	34.5	31.5	28.5	25.5	22.5	19.5	34.1	3.3	34.0	31.6	28.6	25.6	22.6	19.6	16.6
	57	37.6	3.0	37.5	34.5	31.5	28.5	25.5	22.5	19.5	34.1	3.3	34.0	31.6	28.6	25.6	22.6	19.6	16.6
1225	72	44.3	3.2	29.0	25.4	21.9	18.4	14.8	-	-	39.7	3.5	27.3	23.7	20.2	16.7	13.1	-	-
	67	40.9	3.1	35.5	32.0	28.4	24.9	21.4	17.8	14.3	36.7	3.4	33.1	29.9	26.4	22.8	19.3	15.8	12.2
	62	38.6	3.1	38.5	37.0	34.1	30.6	27.0	23.5	20.0	34.9	3.3	34.9	33.7	31.0	27.5	24.0	20.4	16.9
	57	38.6	3.1	38.5	37.0	34.1	30.6	27.0	23.5	20.0	34.9	3.3	34.9	33.7	31.0	27.5	24.0	20.4	16.9
1400	72	45.4	3.2	31.7	27.6	23.6	19.5	15.4	-	-	40.7	3.5	29.9	25.9	21.8	17.7	13.6	-	-
	67	42.0	3.2	38.8	34.7	30.6	26.5	22.4	18.3	14.3	37.6	3.4	36.0	32.5	28.4	24.4	20.3	16.2	12.1
	62	39.5	3.1	39.5	39.5	36.7	32.6	28.5	24.4	20.4	35.8	3.3	35.8	35.8	33.5	29.4	25.3	21.2	17.1
	57	39.5	3.1	39.5	39.5	36.7	32.6	28.5	24.4	20.4	35.8	3.3	35.8	35.8	33.5	29.4	25.3	21.2	17.1
1575	72	46.1	3.3	34.4	29.8	25.1	20.5	15.8	-	-	41.3	3.5	32.6	28.0	23.3	18.7	14.0	-	-
	67	42.6	3.2	41.0	37.3	32.6	28.0	23.4	18.7	14.1	38.2	3.4	37.4	34.8	30.4	25.8	21.1	16.5	11.8
	62	40.1	3.1	40.1	40.1	38.7	34.1	29.4	24.8	20.1	36.3	3.4	36.3	36.3	35.2	30.5	25.9	21.2	16.6
	57	40.1	3.1	40.1	40.1	38.7	34.1	29.4	24.8	20.1	36.3	3.4	36.3	36.3	35.2	30.5	25.9	21.2	16.6
1750	72	46.8	3.3	37.2	31.9	26.7	21.5	16.3	-	-	42.0	3.5	35.3	30.0	24.8	19.6	14.4	-	-
	67	43.2	3.2	43.2	39.9	34.7	29.5	24.3	19.1	13.8	38.7	3.4	38.7	37.1	32.4	27.2	22.0	16.8	11.5
	62	40.7	3.1	40.7	40.7	40.7	35.5	30.3	25.1	19.9	36.9	3.4	36.9	36.9	36.9	31.7	26.4	21.2	16.0
	57	40.7	3.1	40.7	40.7	40.7	35.5	30.3	25.1	19.9	36.9	3.4	36.9	36.9	36.9	31.7	26.4	21.2	16.0
		115°F									**125°F**								
1050	72	34.3	3.7	23.0	20.0	17.0	14.0	11.0	-	-	29.9	3.9	21.4	18.4	15.4	12.4	9.4	-	-
	67	31.7	3.6	28.3	25.4	22.4	19.4	16.4	13.4	10.4	27.5	3.8	26.4	23.4	20.4	17.4	14.4	11.4	8.4
	62	30.5	3.5	30.5	28.7	25.7	22.7	19.7	16.7	13.7	27.0	3.8	27.0	25.8	22.8	19.8	16.8	13.8	10.8
	57	30.5	3.5	30.5	28.7	25.7	22.7	19.7	16.7	13.7	27.0	3.8	27.0	25.8	22.8	19.8	16.8	13.8	10.8
1225	72	35.1	3.7	25.6	22.1	18.5	15.0	11.4	-	-	30.5	4.0	23.9	20.4	16.8	13.3	9.7	-	-
	67	32.4	3.6	30.8	27.9	24.3	20.8	17.2	13.7	10.2	28.2	3.8	28.2	25.8	22.3	18.7	15.2	11.6	8.1
	62	31.3	3.6	31.3	30.4	28.0	24.4	20.9	17.4	13.8	27.6	3.8	27.6	27.0	24.9	21.4	17.8	14.3	10.7
	57	31.3	3.6	31.3	30.4	28.0	24.4	20.9	17.4	13.8	27.6	3.8	27.6	27.0	24.9	21.4	17.8	14.3	10.7
1400	72	35.9	3.7	28.2	24.1	20.0	15.9	11.8	-	-	31.2	4.0	26.4	22.3	18.2	14.1	10.1	-	-
	67	33.2	3.6	33.2	30.4	26.3	22.2	18.1	14.0	9.9	28.8	3.9	28.8	28.2	24.1	20.0	16.0	11.9	7.8
	62	32.0	3.6	32.0	32.0	30.2	26.1	22.1	18.0	13.9	28.2	3.8	28.2	28.2	27.0	22.9	18.8	14.7	10.7
	57	32.0	3.6	32.0	32.0	30.2	26.1	22.1	18.0	13.9	28.2	3.8	28.2	28.2	27.0	22.9	18.8	14.7	10.7
1575	72	36.5	3.8	30.8	26.1	21.5	16.8	12.2	-	-	31.7	4.0	28.9	24.3	19.6	15.0	10.3	-	-
	67	33.7	3.7	33.7	32.3	28.2	23.5	18.9	14.2	9.6	29.3	3.9	29.3	29.3	26.0	21.3	16.7	12.0	7.4
	62	32.5	3.6	32.5	32.5	31.6	27.0	22.3	17.7	13.0	28.7	3.9	28.7	28.7	28.1	23.4	18.8	14.1	9.5
	57	32.5	3.6	32.5	32.5	31.6	27.0	22.3	17.7	13.0	28.7	3.9	28.7	28.7	28.1	23.4	18.8	14.1	9.5
1750	72	37.1	3.8	33.4	28.1	22.9	17.7	12.5	-	-	32.2	4.0	31.5	26.2	21.0	15.8	10.6	-	-
	67	34.2	3.7	34.2	34.2	30.1	24.9	19.7	14.5	9.3	29.7	3.9	29.7	29.7	27.8	22.6	17.4	12.2	7.0
	62	33.0	3.6	33.0	33.0	33.0	27.8	22.6	17.4	12.1	29.2	3.9	29.2	29.2	29.2	23.9	18.7	13.5	8.3
	57	33.0	3.6	33.0	33.0	33.0	27.8	22.6	17.4	12.1	29.2	3.9	29.2	29.2	29.2	23.9	18.7	13.5	8.3

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

SJ048 (4.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																		
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**									
1200	72	55.9	3.0	31.8	28.4	24.9	21.5	18.1	-	-	52.3	3.3	30.2	26.8	23.3	19.9	16.5	-	-
	67	51.7	2.9	38.7	35.2	31.8	28.4	25.0	21.5	18.1	48.4	3.2	37.0	33.5	30.1	26.7	23.3	19.8	16.4
	62	48.7	2.8	46.7	43.3	39.9	36.4	33.0	29.6	26.2	45.9	3.1	43.8	40.4	37.0	33.6	30.1	26.7	23.3
	57	48.7	2.8	46.7	43.3	39.9	36.4	33.0	29.6	26.2	45.9	3.1	43.8	40.4	37.0	33.6	30.1	26.7	23.3
1400	72	57.3	3.0	34.8	30.7	26.7	22.6	18.6	-	-	53.6	3.3	33.2	29.2	25.1	21.1	17.0	-	-
	67	52.9	2.9	42.1	38.1	34.0	30.0	25.9	21.9	17.8	49.6	3.2	40.5	36.4	32.4	28.4	24.3	20.3	16.2
	62	49.9	2.8	48.9	46.7	42.7	38.6	34.6	30.5	26.5	47.0	3.1	46.0	43.8	39.8	35.7	31.7	27.7	23.6
	57	49.9	2.8	48.9	46.7	42.6	38.6	34.6	30.5	26.5	47.0	3.1	46.0	43.8	39.8	35.7	31.7	27.7	23.6
1600	72	58.6	3.0	37.7	33.1	28.4	23.7	19.1	-	-	54.8	3.3	36.2	31.6	26.9	22.2	17.6	-	-
	67	54.1	2.9	45.6	40.9	36.2	31.6	26.9	22.2	17.6	50.7	3.2	44.0	39.4	34.7	30.0	25.4	20.7	16.0
	62	51.1	2.9	51.1	50.1	45.4	40.8	36.1	31.4	26.8	48.1	3.1	48.1	47.3	42.6	37.9	33.3	28.6	23.9
	57	51.1	2.9	51.1	50.1	45.4	40.8	36.1	31.4	26.8	48.1	3.1	48.1	47.3	42.6	37.9	33.3	28.6	23.9
1800	72	59.6	3.0	40.8	35.5	30.2	24.9	19.6	-	-	55.7	3.3	39.2	33.9	28.6	23.3	18.0	-	-
	67	55.1	2.9	49.4	43.8	38.5	33.2	27.9	22.6	17.3	51.6	3.2	47.5	42.2	36.9	31.6	26.3	20.9	15.6
	62	51.9	2.9	51.9	51.4	48.3	43.0	37.7	32.4	27.0	48.9	3.2	48.9	48.5	45.3	40.0	34.7	29.4	24.0
	57	51.9	2.9	51.9	51.4	48.3	43.0	37.7	32.4	27.0	48.9	3.2	48.9	48.5	45.3	40.0	34.7	29.4	24.0
2000	72	60.6	3.0	43.9	38.0	32.0	26.0	20.1	-	-	56.6	3.4	42.2	36.2	30.3	24.3	18.4	-	-
	67	56.0	3.0	53.2	46.8	40.8	34.8	28.9	22.9	17.0	52.4	3.3	51.0	45.0	39.1	33.1	27.2	21.2	15.2
	62	52.8	2.9	52.8	52.8	51.2	45.2	39.2	33.3	27.3	49.7	3.2	49.7	49.7	48.0	42.0	36.1	30.1	24.1
	57	52.8	2.9	52.8	52.8	51.2	45.2	39.2	33.3	27.3	49.7	3.2	49.7	49.7	48.0	42.0	36.1	30.1	24.1
		95°F									**105°F**									
1200	72	48.7	3.6	28.6	25.2	21.7	18.3	14.9	-	-	44.2	3.8	27.3	23.8	20.4	17.0	13.6	-	-
	67	45.1	3.4	35.3	31.8	28.4	25.0	21.6	18.1	14.7	41.0	3.7	33.7	30.3	26.9	23.5	20.0	16.6	13.2
	62	43.1	3.4	40.9	37.5	34.1	30.7	27.2	23.8	20.4	39.5	3.7	38.3	34.9	31.5	28.0	24.6	21.2	17.8
	57	43.1	3.4	40.9	37.5	34.1	30.7	27.2	23.8	20.4	39.5	3.7	38.4	35.0	31.6	28.2	24.8	21.4	17.9
1400	72	49.9	3.6	31.6	27.6	23.5	19.5	15.5	-	-	45.2	3.9	30.2	26.2	22.1	18.1	14.0	-	-
	67	46.2	3.5	38.9	34.8	30.8	26.7	22.7	18.7	14.6	42.0	3.7	37.1	33.2	29.1	25.1	21.1	17.0	13.0
	62	44.1	3.4	43.0	41.0	36.9	32.9	28.8	24.8	20.8	40.4	3.7	39.8	37.9	34.1	30.1	26.0	22.0	17.9
	57	44.1	3.4	43.0	41.0	36.9	32.9	28.8	24.8	20.7	40.4	3.7	39.8	38.0	34.3	30.2	26.2	22.2	18.1
1600	72	51.0	3.6	34.7	30.0	25.4	20.7	16.0	-	-	46.2	3.9	33.2	28.5	23.8	19.2	14.5	-	-
	67	47.3	3.5	42.5	37.8	33.1	28.5	23.8	19.2	14.5	42.9	3.8	40.5	36.1	31.4	26.7	22.1	17.4	12.7
	62	45.1	3.4	45.1	44.4	39.8	35.1	30.4	25.8	21.1	41.3	3.7	41.3	40.9	36.8	32.1	27.4	22.8	18.1
	57	45.1	3.4	45.1	44.4	39.8	35.1	30.4	25.8	21.1	41.3	3.7	41.3	40.9	36.9	32.3	27.6	22.9	18.3
1800	72	51.9	3.6	37.6	32.3	27.0	21.7	16.3	-	-	47.0	3.9	36.1	30.8	25.4	20.1	14.8	-	-
	67	48.0	3.5	45.6	40.6	35.3	29.9	24.6	19.3	14.0	43.6	3.8	42.4	38.8	33.5	28.2	22.9	17.6	12.2
	62	45.9	3.5	45.9	45.5	42.3	37.0	31.7	26.3	21.0	41.9	3.8	41.9	41.7	39.2	33.9	28.6	23.3	17.9
	57	45.9	3.5	45.9	45.5	42.3	37.0	31.7	26.3	21.0	41.9	3.8	41.9	41.7	39.3	34.0	28.7	23.4	18.1
2000	72	52.7	3.7	40.5	34.5	28.6	22.6	16.7	-	-	47.7	4.0	39.0	33.0	27.0	21.1	15.1	-	-
	67	48.8	3.5	48.8	43.3	37.4	31.4	25.4	19.5	13.5	44.2	3.8	44.2	41.5	35.6	29.6	23.7	17.7	11.7
	62	46.6	3.5	46.6	46.6	44.8	38.8	32.9	26.9	21.0	42.6	3.8	42.6	42.6	41.7	35.7	29.7	23.8	17.8
	57	46.6	3.5	46.6	46.6	44.8	38.8	32.9	26.9	21.0	42.6	3.8	42.6	42.6	41.7	35.7	29.8	23.8	17.8
		115°F									**125°F**									
1200	72	39.7	4.1	25.9	22.5	19.1	15.7	12.2	-	-	35.1	4.4	24.6	21.2	17.8	14.3	10.9	-	-
	67	36.9	4.0	32.2	28.8	25.3	21.9	18.5	15.1	11.7	32.7	4.2	30.6	27.2	23.8	20.4	17.0	13.5	10.1
	62	35.8	3.9	35.7	32.3	28.8	25.4	22.0	18.6	15.1	32.2	4.2	32.2	29.6	26.2	22.8	19.4	15.9	12.5
	57	35.8	3.9	35.8	32.6	29.2	25.7	22.3	18.9	15.5	32.2	4.2	32.2	30.1	26.7	23.3	19.9	16.4	13.0
1400	72	40.6	4.2	28.8	24.8	20.7	16.7	12.6	-	-	35.9	4.5	27.4	23.3	19.3	15.2	11.2	-	-
	67	37.7	4.0	35.3	31.5	27.5	23.5	19.4	15.4	11.3	33.4	4.3	33.4	29.9	25.9	21.8	17.8	13.7	9.7
	62	36.6	4.0	36.6	34.8	31.3	27.2	23.2	19.2	15.1	32.9	4.3	32.9	31.8	28.5	24.4	20.4	16.3	12.3
	57	36.6	4.0	36.6	35.0	31.6	27.6	23.6	19.5	15.5	32.9	4.3	32.9	32.0	29.0	25.0	20.9	16.9	12.8
1600	72	41.4	4.2	31.7	27.0	22.3	17.7	13.0	-	-	36.6	4.5	30.1	25.5	20.8	16.2	11.5	-	-
	67	38.5	4.1	38.5	34.3	29.6	25.0	20.3	15.7	11.0	34.1	4.3	34.1	32.6	27.9	23.2	18.6	13.9	9.2
	62	37.4	4.0	37.4	37.4	33.7	29.1	24.4	19.7	15.1	33.6	4.3	33.6	33.6	30.7	26.1	21.4	16.7	12.1
	57	37.4	4.0	37.4	37.4	34.1	29.5	24.8	20.1	15.5	33.6	4.3	33.6	33.6	31.3	26.6	22.0	17.3	12.6
1800	72	42.1	4.2	34.5	29.2	23.9	18.6	13.3	-	-	37.2	4.5	33.0	27.7	22.4	17.1	11.8	-	-
	67	39.1	4.1	39.1	37.0	31.7	26.4	21.1	15.8	10.5	34.6	4.4	34.6	34.6	30.0	24.7	19.4	14.0	8.7
	62	38.0	4.0	38.0	38.0	36.1	30.8	25.5	20.2	14.9	34.1	4.3	34.1	34.1	33.0	27.7	22.4	17.1	11.8
	57	38.0	4.0	38.0	38.0	36.3	31.0	25.7	20.4	15.1	34.1	4.3	34.1	34.1	33.4	28.1	22.7	17.4	12.1
2000	72	42.7	4.3	37.4	31.4	25.5	19.5	13.6	-	-	37.7	4.6	35.9	29.9	23.9	18.0	12.0	-	-
	67	39.7	4.1	39.7	39.7	33.8	27.9	21.9	15.9	10.0	35.1	4.4	35.1	35.1	32.1	26.1	20.1	14.2	8.2
	62	38.6	4.1	38.6	38.6	38.5	32.5	26.6	20.6	14.7	34.5	4.4	34.5	34.5	34.5	29.4	23.4	17.5	11.5
	57	38.6	4.1	38.6	38.6	38.6	32.6	26.6	20.7	14.7	34.5	4.4	34.5	34.5	34.5	29.5	23.5	17.5	11.6

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

SJ060 (5.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total	Total	Sensible Capacity (MBh)							Total	Total	Sensible Capacity (MBh)						
CFM	WB	Capacity[1]	Input	Return Dry Bulb (°F)							Capacity[1]	Input	Return Dry Bulb (°F)						
	(°F)	(MBh)	(kW)[2]	86	83	80	77	74	71	68	(MBh)	(kW)[2]	86	83	80	77	74	71	68
		75°F									**85°F**								
1500	72	64.6	3.2	37.8	33.6	29.3	25.0	20.7	-	-	63.1	3.7	36.0	31.7	27.4	23.2	18.9	-	-
	67	58.5	3.1	50.6	46.3	42.0	37.7	33.5	29.2	24.9	58.9	3.6	44.6	40.4	36.1	31.8	27.5	23.2	19.0
	62	46.8	2.9	75.7	71.4	67.1	62.8	58.6	54.3	50.0	56.4	3.6	51.7	47.5	43.2	38.9	34.6	30.3	26.1
	57	53.4	3.0	64.8	60.5	56.2	51.9	47.7	43.4	39.1	56.4	3.6	51.7	47.5	43.2	38.9	34.6	30.3	26.1
1750	72	67.4	3.2	39.1	34.1	29.0	24.0	18.9	-	-	64.6	3.7	39.8	34.8	29.7	24.7	19.6	-	-
	67	61.2	3.1	52.4	47.4	42.3	37.3	32.2	27.2	22.1	60.3	3.6	49.2	44.1	39.1	34.0	29.0	23.9	18.9
	62	49.3	2.9	77.7	75.7	70.7	65.6	60.6	55.5	50.5	57.7	3.6	55.4	51.8	46.8	41.7	36.7	31.6	26.6
	57	55.9	3.0	64.8	62.8	57.7	52.7	47.6	42.6	37.5	57.7	3.6	55.4	51.8	46.8	41.7	36.7	31.6	26.6
2000	72	70.2	3.3	40.4	34.6	28.8	22.9	17.1	-	-	66.1	3.7	43.7	37.9	32.0	26.2	20.4	-	-
	67	63.8	3.2	54.3	48.5	42.7	36.8	31.0	25.2	19.3	61.7	3.7	53.8	47.9	42.1	36.3	30.4	24.6	18.8
	62	51.8	3.0	79.8	80.1	74.3	68.4	62.6	56.8	50.9	59.0	3.6	59.0	56.2	50.4	44.6	38.7	32.9	27.1
	57	58.4	3.1	64.7	65.1	59.2	53.4	47.6	41.7	35.9	59.0	3.6	59.0	56.2	50.4	44.6	38.7	32.9	27.1
2250	72	70.0	3.3	47.2	40.5	33.9	27.2	20.6	-	-	67.0	3.8	47.6	40.9	34.3	27.6	21.0	-	-
	67	63.5	3.2	62.6	56.0	49.3	42.7	36.0	29.4	22.8	62.5	3.7	58.3	51.7	45.1	38.4	31.8	25.1	18.5
	62	51.2	2.9	80.3	84.2	81.8	75.2	68.5	61.9	55.3	59.8	3.6	59.8	58.4	53.9	47.3	40.6	34.0	27.4
	57	58.1	3.1	65.5	69.4	67.1	60.4	53.8	47.1	40.5	59.8	3.6	59.8	58.4	53.9	47.3	40.6	34.0	27.4
2500	72	69.8	3.3	53.9	46.5	39.0	31.6	24.1	-	-	67.9	3.8	51.4	44.0	36.5	29.1	21.6	-	-
	67	63.2	3.1	70.9	63.4	56.0	48.5	41.1	33.6	26.2	63.4	3.7	62.9	55.5	48.0	40.6	33.1	25.7	18.2
	62	50.6	2.9	80.8	88.2	89.4	81.9	74.5	67.0	59.6	60.6	3.6	60.6	60.6	57.5	50.0	42.6	35.1	27.7
	57	57.7	3.1	66.3	73.8	74.9	67.4	60.0	52.5	45.1	60.6	3.6	60.6	60.6	57.5	50.0	42.6	35.1	27.7
		95°F									**105°F**								
1500	72	61.6	4.2	34.2	29.9	25.6	21.3	17.0	-	-	57.1	4.6	33.6	29.3	25.1	20.8	16.5	-	-
	67	59.3	4.1	38.7	34.4	30.1	25.9	21.6	17.3	13.0	54.3	4.5	40.0	35.8	31.5	27.2	22.9	18.7	14.4
	62	65.9	4.3	27.8	23.5	19.2	15.0	10.7	6.4	2.1	57.0	4.6	36.9	32.6	28.3	24.0	19.8	15.5	11.2
	57	59.3	4.1	38.7	34.4	30.1	25.9	21.6	17.3	13.0	53.7	4.5	42.3	38.0	33.8	29.5	25.2	20.9	16.7
1750	72	61.8	4.2	40.6	35.5	30.4	25.4	20.3	-	-	57.7	4.6	38.6	33.6	28.5	23.5	18.4	-	-
	67	59.4	4.1	46.0	40.9	35.9	30.8	25.7	20.7	15.6	54.8	4.6	45.8	40.8	35.7	30.7	25.6	20.6	15.5
	62	66.1	4.3	33.0	27.9	22.9	17.8	12.8	7.7	2.7	57.5	4.6	40.5	36.8	31.7	26.7	21.6	16.6	11.5
	57	59.4	4.1	46.0	40.9	35.9	30.8	25.7	20.7	15.6	54.2	4.5	46.9	43.3	38.2	33.1	28.1	23.0	18.0
2000	72	61.9	4.2	47.0	41.1	35.3	29.5	23.6	-	-	58.3	4.6	43.7	37.8	32.0	26.2	20.3	-	-
	67	59.5	4.1	53.2	47.4	41.6	35.7	29.9	24.1	18.2	55.3	4.6	51.6	45.8	40.0	34.2	28.3	22.5	16.7
	62	66.2	4.3	38.2	32.4	26.5	20.7	14.9	9.0	3.2	58.1	4.6	44.1	41.0	35.1	29.3	23.5	17.6	11.8
	57	59.5	4.1	53.2	47.4	41.6	35.7	29.9	24.1	18.2	54.7	4.6	51.6	48.5	42.6	36.8	31.0	25.1	19.3
2250	72	64.0	4.2	47.9	41.3	34.7	28.0	21.4	-	-	59.7	4.7	46.0	39.4	32.7	26.1	19.4	-	-
	67	61.5	4.2	54.1	47.4	40.8	34.2	27.5	20.9	14.2	56.7	4.6	52.7	47.6	41.0	34.4	27.7	21.1	14.4
	62	68.4	4.3	39.3	32.7	26.0	19.4	12.8	6.1	-0.5	59.5	4.7	45.0	41.6	36.5	29.8	23.2	16.6	9.9
	57	61.5	4.2	54.1	47.4	40.8	34.2	27.5	20.9	14.2	56.1	4.6	52.4	48.9	43.8	37.2	30.6	23.9	17.3
2500	72	66.0	4.3	48.9	41.5	34.0	26.6	19.1	-	-	61.1	4.7	48.3	40.9	33.4	26.0	18.5	-	-
	67	63.5	4.2	55.0	47.5	40.1	32.6	25.1	17.7	10.2	58.1	4.6	53.8	49.5	42.0	34.6	27.1	19.7	12.2
	62	70.6	4.4	40.5	33.0	25.6	18.1	10.7	3.2	-4.2	61.0	4.7	45.9	42.2	37.8	30.4	22.9	15.5	8.0
	57	63.5	4.2	55.0	47.5	40.1	32.6	25.1	17.7	10.2	57.4	4.6	53.2	49.4	45.1	37.6	30.2	22.7	15.2
		115°F									**125°F**								
1500	72	52.6	5.0	33.1	28.8	24.5	20.3	16.0	-	-	48.1	5.5	32.6	28.3	24.0	19.7	15.5	-	-
	67	49.2	4.9	41.4	37.1	32.8	28.6	24.3	20.0	15.7	44.2	5.3	42.7	38.5	34.2	29.9	25.6	21.4	17.1
	62	48.1	4.9	46.0	41.7	37.4	33.1	28.9	24.6	20.3	39.1	5.2	39.1	39.1	39.1	39.1	37.9	33.7	29.4
	57	48.1	4.9	45.9	41.7	37.4	33.1	28.8	24.6	20.3	42.4	5.3	42.4	42.4	41.0	36.7	32.5	28.2	23.9
1750	72	53.7	5.1	36.7	31.7	26.6	21.6	16.5	-	-	49.6	5.5	34.8	29.8	24.7	19.7	14.6	-	-
	67	50.2	5.0	45.7	40.7	35.6	30.6	25.5	20.5	15.4	45.6	5.4	45.6	40.6	35.5	30.5	25.4	20.3	15.3
	62	49.0	4.9	47.9	45.6	40.6	35.5	30.5	25.4	20.4	40.5	5.3	40.5	40.5	40.5	40.5	39.3	34.3	29.2
	57	49.0	4.9	47.9	45.6	40.6	35.5	30.4	25.4	20.3	43.8	5.3	43.8	43.8	42.9	37.9	32.8	27.7	22.7
2000	72	54.7	5.1	40.4	34.5	28.7	22.9	17.0	-	-	51.1	5.5	37.1	31.2	25.4	19.6	13.7	-	-
	67	51.1	5.0	50.1	44.2	38.4	32.6	26.7	20.9	15.1	46.9	5.4	46.9	42.7	36.8	31.0	25.2	19.3	13.5
	62	49.9	5.0	49.9	49.6	43.7	37.9	32.1	26.2	20.4	41.8	5.3	41.8	41.8	41.8	41.8	40.7	34.9	29.0
	57	49.9	5.0	49.9	49.6	43.7	37.9	32.1	26.2	20.4	45.1	5.4	45.1	45.1	44.8	39.0	33.1	27.3	21.5
2250	72	55.5	5.1	44.1	37.4	30.8	24.1	17.5	-	-	51.2	5.5	42.1	35.5	28.8	22.2	15.6	-	-
	67	51.9	5.0	51.3	47.8	41.2	34.5	27.9	21.3	14.6	47.0	5.4	47.0	47.0	41.4	34.7	28.1	21.5	14.8
	62	50.6	5.0	50.6	50.5	46.9	40.3	33.6	27.0	20.3	41.7	5.3	41.7	41.7	41.7	41.7	41.7	37.4	30.8
	57	50.6	5.0	50.6	50.4	46.9	40.2	33.6	27.0	20.3	45.2	5.4	45.2	45.2	45.2	43.3	36.6	30.0	23.4
2500	72	56.2	5.1	47.8	40.3	32.9	25.4	18.0	-	-	51.3	5.5	47.2	39.7	32.3	24.8	17.4	-	-
	67	52.6	5.0	52.6	51.4	44.0	36.5	29.1	21.6	14.2	47.1	5.4	47.1	47.1	45.9	38.5	31.0	23.6	16.1
	62	51.3	5.0	51.3	51.3	50.1	42.6	35.2	27.7	20.3	41.7	5.3	41.7	41.7	41.7	41.7	41.7	40.0	32.5
	57	51.3	5.0	51.3	51.3	50.1	42.6	35.2	27.7	20.3	45.3	5.4	45.3	45.3	45.3	45.3	40.2	32.7	25.3

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

JP024-060 Cooling Capacities

JP024 (2.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
600	72	31.9	1.6	18.4	16.7	15.0	13.3	11.6	-	-	28.6	1.7	17.2	15.5	13.8	12.1	10.4	-	-
	67	28.2	1.6	22.0	20.2	18.5	16.8	15.1	13.4	11.7	25.9	1.7	20.9	19.2	17.5	15.8	14.1	12.4	10.7
	62	27.9	1.6	27.9	25.7	23.9	22.2	20.5	18.8	17.1	25.2	1.7	25.2	23.6	21.8	20.1	18.4	16.7	15.0
	57	28.0	1.6	28.0	25.7	24.0	22.3	20.6	18.9	17.2	25.3	1.7	25.3	23.6	21.9	20.2	18.5	16.7	15.0
700	72	31.9	1.6	20.0	17.9	15.9	13.9	11.9	-	-	29.0	1.8	18.9	16.9	14.8	12.8	10.8	-	-
	67	28.2	1.6	23.7	21.7	19.7	17.6	15.6	13.6	11.6	26.3	1.7	22.8	20.8	18.8	16.8	14.7	12.7	10.7
	62	28.0	1.6	28.0	26.8	25.4	23.4	21.4	19.4	17.3	25.6	1.7	25.6	24.8	23.5	21.4	19.4	17.4	15.4
	57	28.0	1.6	28.0	26.9	25.5	23.5	21.4	19.4	17.4	25.7	1.7	25.7	24.8	23.5	21.5	19.4	17.4	15.4
800	72	32.0	1.6	21.5	19.2	16.8	14.5	12.2	-	-	29.4	1.8	20.5	18.2	15.8	13.5	11.2	-	-
	67	28.3	1.5	25.4	23.1	20.8	18.5	16.1	13.8	11.5	26.7	1.7	24.7	22.4	20.1	17.7	15.4	13.1	10.8
	62	28.0	1.6	28.0	28.0	26.9	24.6	22.2	19.9	17.6	26.0	1.7	26.0	26.0	25.1	22.7	20.4	18.1	15.7
	57	28.1	1.6	28.1	28.1	27.0	24.6	22.3	20.0	17.6	26.0	1.7	26.0	26.0	25.1	22.8	20.4	18.1	15.8
900	72	33.8	1.6	23.7	21.0	18.4	15.7	13.1	-	-	30.6	1.8	22.5	19.8	17.2	14.5	11.8	-	-
	67	29.9	1.6	28.4	25.4	22.7	20.1	17.4	14.8	12.1	27.8	1.7	26.8	24.4	21.7	19.1	16.4	13.8	11.1
	62	29.6	1.6	29.6	29.6	29.0	26.3	23.7	21.0	18.4	27.0	1.7	27.0	27.0	26.6	23.9	21.3	18.6	15.9
	57	29.6	1.6	29.6	29.6	29.1	26.4	23.8	21.1	18.4	27.1	1.7	27.1	27.1	26.6	23.9	21.3	18.6	16.0
1000	72	35.5	1.6	25.9	22.9	20.0	17.0	14.0	-	-	31.8	1.8	24.4	21.5	18.5	15.5	12.5	-	-
	67	31.4	1.6	31.4	27.6	24.7	21.7	18.7	15.7	12.7	28.9	1.8	28.9	26.4	23.4	20.4	17.4	14.5	11.5
	62	31.1	1.6	31.1	31.1	31.1	28.1	25.1	22.2	19.2	28.1	1.7	28.1	28.1	28.1	25.1	22.1	19.1	16.1
	57	31.2	1.6	31.2	31.2	31.2	28.2	25.2	22.2	19.3	28.1	1.7	28.1	28.1	28.1	25.1	22.1	19.2	16.2
		95°F									**105°F**								
600	72	25.3	1.9	16.0	14.3	12.6	10.9	9.2	-	-	22.8	2.1	15.4	13.7	12.0	10.3	8.6	-	-
	67	23.7	1.9	19.9	18.2	16.5	14.7	13.0	11.3	9.6	21.0	2.0	19.0	17.3	15.6	13.8	12.1	10.4	8.7
	62	22.6	1.9	22.6	21.5	19.8	18.0	16.3	14.6	12.9	20.2	2.0	20.2	19.7	18.2	16.5	14.8	13.1	11.4
	57	22.6	1.9	22.6	21.5	19.7	18.0	16.3	14.6	12.9	20.2	2.0	20.2	19.7	18.2	16.5	14.8	13.1	11.4
700	72	26.1	1.9	17.8	15.8	13.7	11.7	9.7	-	-	23.5	2.1	17.1	15.1	13.1	11.1	9.0	-	-
	67	24.5	1.9	22.0	19.9	17.9	15.9	13.9	11.9	9.8	21.6	2.0	20.3	18.9	17.0	15.0	12.9	10.9	8.9
	62	23.3	1.9	23.3	22.7	21.5	19.5	17.5	15.4	13.4	20.9	2.0	20.9	20.6	19.9	17.9	15.8	13.8	11.8
	57	23.3	1.9	23.3	22.7	21.5	19.5	17.5	15.4	13.4	20.9	2.0	20.9	20.6	19.9	17.9	15.8	13.8	11.8
800	72	26.9	1.9	19.5	17.2	14.9	12.5	10.2	-	-	24.2	2.1	18.8	16.5	14.2	11.8	9.5	-	-
	67	25.2	1.9	24.0	21.7	19.4	17.0	14.7	12.4	10.0	22.3	2.1	21.7	20.5	18.4	16.1	13.7	11.4	9.1
	62	24.0	1.9	24.0	24.0	23.3	20.9	18.6	16.3	13.9	21.5	2.0	21.5	21.5	21.5	19.2	16.9	14.5	12.2
	57	24.0	1.9	24.0	24.0	23.3	20.9	18.6	16.3	13.9	21.5	2.0	21.5	21.5	21.5	19.2	16.9	14.5	12.2
900	72	27.5	1.9	21.2	18.6	15.9	13.3	10.6	-	-	24.7	2.1	20.5	17.8	15.2	12.5	9.9	-	-
	67	25.7	1.9	25.2	23.4	20.8	18.1	15.4	12.8	10.1	22.7	2.1	22.5	21.6	19.7	17.0	14.4	11.7	9.1
	62	24.5	1.9	24.5	24.5	24.1	21.5	18.8	16.2	13.5	21.9	2.1	21.9	21.9	21.9	19.3	16.6	14.0	11.3
	57	24.5	1.9	24.5	24.5	24.1	21.5	18.8	16.2	13.5	21.9	2.1	21.9	21.9	21.9	19.3	16.6	14.0	11.3
1000	72	28.0	2.0	23.0	20.0	17.0	14.0	11.0	-	-	25.2	2.1	22.1	19.2	16.2	13.2	10.2	-	-
	67	26.3	1.9	26.3	25.1	22.1	19.2	16.2	13.2	10.2	23.2	2.1	23.2	22.6	21.0	18.0	15.0	12.1	9.1
	62	25.0	1.9	25.0	25.0	25.0	22.0	19.1	16.1	13.1	22.4	2.1	22.4	22.4	22.4	19.4	16.4	13.4	10.4
	57	25.0	1.9	25.0	25.0	25.0	22.0	19.1	16.1	13.1	22.4	2.1	22.4	22.4	22.4	19.4	16.4	13.4	10.4
		115°F									**125°F**								
600	72	20.3	2.3	14.8	13.1	11.4	9.6	7.9	-	-	17.8	2.4	14.1	12.4	10.7	9.0	7.3	-	-
	67	18.3	2.2	18.1	16.4	14.7	12.9	11.2	9.5	7.8	15.6	2.3	15.6	15.5	13.8	12.0	10.3	8.6	6.9
	62	17.9	2.2	17.9	17.9	16.7	15.0	13.3	11.5	9.8	15.6	2.3	15.6	15.6	15.1	13.4	11.7	10.0	8.3
	57	17.9	2.2	17.9	17.9	16.7	15.0	13.3	11.5	9.8	15.6	2.3	15.6	15.6	15.1	13.4	11.7	10.0	8.3
700	72	20.9	2.3	16.5	14.4	12.4	10.4	8.4	-	-	18.2	2.5	15.8	13.8	11.8	9.7	7.7	-	-
	67	18.8	2.2	18.7	17.9	16.0	14.0	12.0	10.0	7.9	16.0	2.4	16.0	16.0	15.1	13.1	11.0	9.0	7.0
	62	18.4	2.2	18.4	18.4	18.2	16.2	14.2	12.2	10.2	16.0	2.3	16.0	16.0	16.0	14.6	12.6	10.6	8.5
	57	18.4	2.2	18.4	18.4	18.2	16.2	14.2	12.2	10.2	16.0	2.3	16.0	16.0	16.0	14.6	12.6	10.6	8.5
800	72	21.4	2.3	18.2	15.8	13.5	11.2	8.8	-	-	18.7	2.5	17.5	15.1	12.8	10.5	8.1	-	-
	67	19.4	2.2	19.4	19.4	17.4	15.1	12.7	10.4	8.1	16.5	2.4	16.5	16.5	16.4	14.1	11.8	9.4	7.1
	62	18.9	2.2	18.9	18.9	19.8	17.5	15.2	12.8	10.5	16.4	2.4	16.4	16.4	16.4	15.8	13.4	11.1	8.8
	57	18.9	2.2	18.9	18.9	19.8	17.5	15.2	12.8	10.5	16.4	2.4	16.4	16.4	16.4	15.8	13.4	11.1	8.8
900	72	21.9	2.3	19.7	17.1	14.4	11.8	9.1	-	-	19.1	2.5	19.0	16.3	13.7	11.0	8.4	-	-
	67	19.8	2.2	19.8	19.8	18.6	16.0	13.3	10.7	8.0	16.8	2.4	16.8	16.8	16.8	14.9	12.3	9.6	6.9
	62	19.3	2.2	19.3	19.3	19.8	17.1	14.4	11.8	9.1	16.7	2.4	16.7	16.7	16.7	14.9	12.3	9.6	6.9
	57	19.3	2.2	19.3	19.3	19.8	17.1	14.4	11.8	9.1	16.7	2.4	16.7	16.7	16.7	14.9	12.2	9.6	6.9
1000	72	22.3	2.3	21.3	18.4	15.4	12.4	9.4	-	-	19.4	2.5	19.4	17.6	14.6	11.6	8.6	-	-
	67	20.1	2.3	20.1	20.1	19.9	16.9	13.9	10.9	7.9	17.1	2.4	17.1	17.1	17.1	15.7	12.7	9.8	6.8
	62	19.7	2.2	19.7	19.7	19.7	16.7	13.7	10.7	7.8	17.0	2.4	17.0	17.0	17.0	14.0	11.1	8.1	5.1
	57	19.7	2.2	19.7	19.7	19.7	16.7	13.7	10.7	7.8	17.0	2.4	17.0	17.0	17.0	14.0	11.1	8.1	5.1

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

JP030 (2.5 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
750	72	34.8	2.0	22.8	20.7	18.6	16.4	14.3	-	-	31.5	2.1	19.8	17.6	15.5	13.3	11.2	-	-
	67	32.8	2.0	28.4	26.2	24.1	22.0	19.8	17.7	15.5	28.8	2.0	24.2	22.1	19.9	17.8	15.7	13.5	11.4
	62	30.6	2.0	32.3	31.2	29.0	26.9	24.8	22.6	20.5	28.0	2.0	28.0	26.3	24.2	22.1	19.9	17.8	15.6
	57	30.6	2.0	32.3	31.2	29.0	26.9	24.8	22.6	20.5	28.0	2.0	28.0	26.3	24.2	22.0	19.9	17.8	15.6
875	72	37.4	2.1	25.7	23.2	20.7	18.2	15.6	-	-	33.2	2.1	22.2	19.6	17.1	14.6	12.0	-	-
	67	35.2	2.1	31.9	29.4	26.9	24.3	21.8	19.3	16.8	30.3	2.1	27.1	24.5	22.0	19.5	17.0	14.4	11.9
	62	32.9	2.0	33.7	33.7	32.4	29.9	27.3	24.8	22.3	29.5	2.1	29.5	28.6	26.7	24.2	21.7	19.1	16.6
	57	32.9	2.0	33.7	33.7	32.4	29.8	27.3	24.8	22.3	29.5	2.1	29.5	28.6	26.7	24.2	21.7	19.1	16.6
1000	72	39.9	2.1	28.7	25.7	22.8	19.9	17.0	-	-	34.9	2.1	24.6	21.6	18.7	15.8	12.9	-	-
	67	37.6	2.1	35.5	32.5	29.6	26.7	23.8	20.9	18.0	31.8	2.1	29.9	27.0	24.1	21.2	18.3	15.4	12.4
	62	35.2	2.1	35.2	36.2	35.7	32.8	29.9	27.0	24.1	30.9	2.1	30.9	30.9	29.3	26.3	23.4	20.5	17.6
	57	35.1	2.1	35.1	36.2	35.7	32.8	29.9	27.0	24.1	30.9	2.1	30.9	30.9	29.3	26.3	23.4	20.5	17.6
1125	72	39.9	2.1	30.3	27.0	23.7	20.4	17.1	-	-	35.5	2.1	26.5	23.2	19.8	16.5	13.2	-	-
	67	37.6	2.1	36.5	34.1	30.8	27.5	24.1	20.8	17.5	32.4	2.1	31.4	28.9	25.5	22.2	18.9	15.6	12.2
	62	35.1	2.1	35.1	35.6	36.4	33.1	29.8	26.4	23.1	31.5	2.1	31.5	31.5	30.6	27.3	24.0	20.7	17.4
	57	35.1	2.1	35.1	35.6	36.4	33.1	29.8	26.4	23.1	31.5	2.1	31.5	31.5	30.6	27.3	24.0	20.7	17.4
1250	72	39.8	2.1	32.0	28.3	24.6	20.8	17.1	-	-	36.1	2.1	28.4	24.7	20.9	17.2	13.5	-	-
	67	37.5	2.1	37.5	35.7	31.9	28.2	24.5	20.8	17.0	32.9	2.1	32.9	30.7	27.0	23.2	19.5	15.8	12.1
	62	35.0	2.1	35.0	35.0	37.1	33.4	29.6	25.9	22.2	32.0	2.1	32.0	32.0	32.0	28.3	24.6	20.8	17.1
	57	35.0	2.1	35.0	35.0	37.1	33.4	29.6	25.9	22.2	32.0	2.1	32.0	32.0	32.0	28.3	24.6	20.8	17.1
		95°F									**105°F**								
750	72	28.2	2.1	16.7	14.6	12.4	10.3	8.1	-	-	24.8	2.2	15.7	13.6	11.4	9.3	7.2	-	-
	67	24.7	2.0	20.1	17.9	15.8	13.6	11.5	9.4	7.2	22.2	2.2	19.0	16.9	14.7	12.6	10.4	8.3	6.2
	62	25.3	2.0	23.6	21.5	19.3	17.2	15.1	12.9	10.8	22.5	2.2	21.6	19.6	17.5	15.3	13.2	11.0	8.9
	57	25.3	2.0	23.6	21.5	19.3	17.2	15.1	12.9	10.8	22.5	2.2	21.6	19.6	17.5	15.3	13.2	11.0	8.9
875	72	29.0	2.1	18.6	16.0	13.5	11.0	8.5	-	-	25.5	2.2	17.5	15.0	12.5	9.9	7.4	-	-
	67	25.4	2.0	22.2	19.7	17.2	14.7	12.1	9.6	7.1	22.8	2.2	20.7	18.6	16.0	13.5	11.0	8.5	5.9
	62	26.0	2.1	25.2	23.6	21.1	18.5	16.0	13.5	11.0	23.1	2.2	22.7	21.4	19.0	16.5	14.0	11.4	8.9
	57	26.0	2.1	25.2	23.6	21.1	18.5	16.0	13.5	11.0	23.1	2.2	22.7	21.4	19.0	16.5	14.0	11.4	8.9
1000	72	29.8	2.1	20.5	17.5	14.6	11.7	8.8	-	-	26.2	2.3	19.3	16.4	13.5	10.6	7.6	-	-
	67	26.1	2.1	24.4	21.5	18.6	15.7	12.8	9.8	6.9	23.3	2.2	22.5	20.3	17.4	14.4	11.5	8.6	5.7
	62	26.7	2.1	26.7	25.7	22.8	19.9	17.0	14.0	11.1	23.7	2.2	23.7	23.2	20.6	17.7	14.8	11.8	8.9
	57	26.7	2.1	26.7	25.7	22.8	19.9	17.0	14.0	11.1	23.7	2.2	23.7	23.2	20.6	17.7	14.8	11.8	8.9
1125	72	31.1	2.1	22.6	19.3	16.0	12.6	9.3	-	-	27.1	2.3	21.4	18.0	14.7	11.4	8.1	-	-
	67	27.2	2.1	26.4	23.6	20.3	17.0	13.6	10.3	7.0	24.2	2.2	23.8	22.0	19.0	15.6	12.3	9.0	5.7
	62	27.9	2.1	27.9	27.4	24.9	21.5	18.2	14.9	11.6	24.5	2.2	24.5	24.3	22.5	19.2	15.8	12.5	9.2
	57	27.9	2.1	27.9	27.4	24.9	21.6	18.2	14.9	11.6	24.5	2.2	24.5	24.3	22.5	19.2	15.8	12.5	9.2
1250	72	32.4	2.2	24.8	21.0	17.3	13.6	9.8	-	-	28.1	2.3	23.4	19.7	16.0	12.2	8.5	-	-
	67	28.4	2.1	28.4	25.7	22.0	18.3	14.5	10.8	7.1	25.0	2.2	25.0	23.7	20.6	16.8	13.1	9.4	5.7
	62	29.1	2.1	29.1	29.1	26.9	23.2	19.5	15.8	12.0	25.4	2.2	25.4	25.4	24.4	20.6	16.9	13.2	9.4
	57	29.1	2.1	29.1	29.1	27.0	23.2	19.5	15.8	12.0	25.4	2.2	25.4	25.4	24.4	20.6	16.9	13.2	9.5
		115°F									**125°F**								
750	72	21.5	2.3	14.7	12.6	10.4	8.3	6.2	-	-	18.1	2.5	13.7	11.6	9.5	7.3	5.2	-	-
	67	19.6	2.3	17.9	15.8	13.7	11.5	9.4	7.2	5.1	17.0	2.4	16.9	14.7	12.6	10.5	8.3	6.2	4.0
	62	19.6	2.3	19.6	17.7	15.6	13.4	11.3	9.2	7.0	16.8	2.4	16.8	15.8	13.7	11.6	9.4	7.3	5.2
	57	19.6	2.3	19.6	17.7	15.6	13.4	11.3	9.2	7.0	16.8	2.4	16.8	15.8	13.7	11.6	9.4	7.3	5.1
875	72	22.0	2.4	16.4	13.9	11.4	8.9	6.3	-	-	18.5	2.5	15.4	12.8	10.3	7.8	5.3	-	-
	67	20.1	2.3	19.2	17.4	14.9	12.4	9.8	7.3	4.8	17.4	2.4	17.4	16.3	13.7	11.2	8.7	6.2	3.6
	62	20.1	2.3	20.1	19.2	17.0	14.5	11.9	9.4	6.9	17.2	2.4	17.2	17.0	14.9	12.4	9.9	7.4	4.8
	57	20.1	2.3	20.1	19.2	17.0	14.5	11.9	9.4	6.9	17.2	2.4	17.2	17.0	14.9	12.4	9.9	7.4	4.8
1000	72	22.5	2.4	18.2	15.2	12.3	9.4	6.5	-	-	18.9	2.5	17.0	14.1	11.2	8.3	5.3	-	-
	67	20.6	2.3	20.6	19.0	16.1	13.2	10.3	7.4	4.5	17.8	2.5	17.8	17.8	14.9	12.0	9.1	6.1	3.2
	62	20.6	2.3	20.6	20.6	18.4	15.5	12.6	9.6	6.7	17.6	2.5	17.6	17.6	16.2	13.3	10.4	7.4	4.5
	57	20.6	2.3	20.6	20.6	18.4	15.5	12.6	9.6	6.7	17.5	2.5	17.5	17.5	16.2	13.3	10.4	7.4	4.5
1125	72	23.2	2.4	20.1	16.8	13.5	10.2	6.8	-	-	19.2	2.5	18.9	15.6	12.2	8.9	5.6	-	-
	67	21.1	2.3	21.1	20.4	17.6	14.3	11.0	7.7	4.3	18.1	2.5	18.1	18.1	16.3	13.0	9.7	6.3	3.0
	62	21.2	2.3	21.2	21.2	20.1	16.8	13.4	10.1	6.8	17.8	2.5	17.8	17.8	17.7	14.4	11.0	7.7	4.4
	57	21.2	2.3	21.2	21.2	20.1	16.8	13.4	10.1	6.8	17.8	2.5	17.8	17.8	17.7	14.4	11.0	7.7	4.4
1250	72	23.8	2.4	22.1	18.4	14.6	10.9	7.2	-	-	19.5	2.6	19.5	17.0	13.3	9.6	5.9	-	-
	67	21.7	2.4	21.7	21.7	19.1	15.4	11.7	8.0	4.2	18.4	2.5	18.4	18.4	17.7	14.0	10.3	6.5	2.8
	62	21.8	2.4	21.8	21.8	21.8	18.0	14.3	10.6	6.9	18.1	2.5	18.1	18.1	18.1	15.4	11.7	8.0	4.3
	57	21.8	2.4	21.8	21.8	21.8	18.0	14.3	10.6	6.9	18.1	2.5	18.1	18.1	18.1	15.4	11.7	8.0	4.3

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

JP036 (3.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
900	72	48.2	2.6	25.4	22.8	20.2	17.7	15.1	-	-	41.6	2.8	23.7	21.1	18.6	16.0	13.4	-	-
	67	42.9	2.5	30.6	28.1	25.5	22.9	20.4	17.8	15.2	38.2	2.7	29.0	26.4	23.9	21.3	18.7	16.2	13.6
	62	43.3	2.6	36.6	34.1	31.5	28.9	26.4	23.8	21.2	37.6	2.7	33.7	31.1	28.6	26.0	23.4	20.9	18.3
	57	43.3	2.6	36.6	34.1	31.5	28.9	26.4	23.8	21.2	37.6	2.7	33.7	31.1	28.6	26.0	23.4	20.9	18.3
1050	72	48.8	2.6	27.9	24.9	21.9	18.8	15.8	-	-	42.7	2.8	26.3	23.3	20.2	17.2	14.2	-	-
	67	43.4	2.5	33.6	30.6	27.5	24.5	21.5	18.4	15.4	39.2	2.7	32.1	29.0	26.0	23.0	19.9	16.9	13.9
	62	43.8	2.6	40.5	37.1	34.0	31.0	28.0	24.9	21.9	38.6	2.7	36.7	34.2	31.1	28.1	25.1	22.0	19.0
	57	43.8	2.6	40.5	37.1	34.0	31.0	28.0	24.9	21.9	38.6	2.7	36.7	34.2	31.1	28.1	25.1	22.0	19.0
1200	72	49.4	2.6	30.5	27.0	23.5	20.0	16.5	-	-	43.8	2.8	28.9	25.4	21.9	18.4	14.9	-	-
	67	43.9	2.5	36.6	33.1	29.6	26.1	22.6	19.1	15.6	40.2	2.8	35.1	31.6	28.1	24.6	21.1	17.6	14.1
	62	44.3	2.6	44.3	40.0	36.5	33.0	29.5	26.0	22.6	39.6	2.8	39.6	37.2	33.7	30.2	26.7	23.2	19.7
	57	44.4	2.6	44.4	40.0	36.5	33.0	29.6	26.1	22.6	39.6	2.8	39.6	37.2	33.7	30.2	26.7	23.2	19.7
1350	72	51.0	2.7	33.3	29.3	25.4	21.4	17.4	-	-	44.6	2.8	31.5	27.5	23.5	19.5	15.5	-	-
	67	45.3	2.6	41.3	35.9	31.9	28.0	24.0	20.0	16.0	40.9	2.8	38.1	34.2	30.2	26.2	22.2	18.2	14.2
	62	45.8	2.6	45.8	43.6	39.5	35.5	31.5	27.6	23.6	40.3	2.8	40.3	39.1	36.1	32.1	28.2	24.2	20.2
	57	45.8	2.6	45.8	43.6	39.5	35.5	31.5	27.6	23.6	40.3	2.8	40.3	39.1	36.1	32.1	28.2	24.2	20.2
1500	72	52.6	2.7	36.2	31.7	27.2	22.8	18.3	-	-	45.3	2.8	34.0	29.5	25.1	20.6	16.1	-	-
	67	46.8	2.6	46.0	38.8	34.3	29.9	25.4	20.9	16.4	41.6	2.8	41.2	36.7	32.2	27.7	23.3	18.8	14.3
	62	47.2	2.6	47.2	47.2	42.5	38.0	33.5	29.1	24.6	40.9	2.8	40.9	40.9	38.6	34.1	29.6	25.2	20.7
	57	47.2	2.6	47.2	47.2	42.5	38.0	33.5	29.1	24.6	40.9	2.8	40.9	40.9	38.6	34.1	29.6	25.2	20.7
		95°F									**105°F**								
900	72	35.1	2.9	22.0	19.5	16.9	14.3	11.8	-	-	32.3	3.2	21.5	18.9	16.4	13.8	11.2	-	-
	67	33.5	2.9	27.4	24.8	22.2	19.7	17.1	14.5	12.0	30.2	3.1	26.4	23.9	21.3	18.7	16.2	13.6	11.0
	62	31.9	2.9	30.8	28.2	25.7	23.1	20.5	18.0	15.4	29.1	3.1	28.5	26.8	24.2	21.6	19.1	16.5	13.9
	57	31.9	2.9	30.8	28.2	25.7	23.1	20.5	18.0	15.4	29.1	3.1	28.5	26.8	24.2	21.6	19.1	16.5	13.9
1050	72	36.7	3.0	24.7	21.7	18.6	15.6	12.6	-	-	33.4	3.2	24.0	20.9	17.9	14.9	11.8	-	-
	67	35.0	2.9	30.5	27.5	24.5	21.4	18.4	15.4	12.3	31.2	3.2	28.7	26.3	23.3	20.3	17.2	14.2	11.2
	62	33.4	2.9	32.8	31.3	28.2	25.2	22.2	19.1	16.1	30.1	3.1	29.8	28.8	26.4	23.4	20.4	17.3	14.3
	57	33.4	2.9	32.8	31.3	28.2	25.2	22.2	19.1	16.1	30.1	3.1	29.8	28.8	26.4	23.4	20.4	17.3	14.3
1200	72	38.3	3.0	27.3	23.8	20.3	16.8	13.3	-	-	34.5	3.3	26.4	22.9	19.4	15.9	12.4	-	-
	67	36.5	3.0	33.7	30.2	26.7	23.2	19.7	16.2	12.7	32.3	3.2	30.9	28.8	25.3	21.8	18.3	14.8	11.3
	62	34.8	2.9	34.8	34.3	30.8	27.3	23.8	20.3	16.8	31.1	3.2	31.1	30.8	28.7	25.2	21.7	18.2	14.7
	57	34.8	2.9	34.8	34.3	30.8	27.3	23.8	20.3	16.8	31.1	3.2	31.1	30.8	28.7	25.2	21.7	18.2	14.7
1350	72	38.2	3.0	29.6	25.6	21.6	17.6	13.6	-	-	34.7	3.3	28.8	24.8	20.8	16.8	12.8	-	-
	67	36.4	3.0	35.0	32.4	28.4	24.4	20.4	16.5	12.5	32.5	3.2	31.8	30.3	27.1	23.1	19.1	15.1	11.1
	62	34.8	2.9	34.8	34.5	32.7	28.8	24.8	20.8	16.8	31.3	3.2	31.3	31.2	30.1	26.1	22.1	18.1	14.2
	57	34.8	2.9	34.8	34.5	32.7	28.8	24.8	20.8	16.8	31.3	3.2	31.3	31.2	30.1	26.1	22.1	18.1	14.2
1500	72	38.1	3.0	31.8	27.4	22.9	18.4	14.0	-	-	35.0	3.3	31.1	26.7	22.2	17.7	13.3	-	-
	67	36.3	3.0	36.3	34.6	30.1	25.6	21.2	16.7	12.2	32.7	3.2	32.7	31.8	28.9	24.4	20.0	15.5	11.0
	62	34.7	2.9	34.7	34.7	34.7	30.2	25.7	21.2	16.8	31.5	3.2	31.5	31.5	31.5	27.1	22.6	18.1	13.6
	57	34.7	2.9	34.7	34.7	34.7	30.2	25.7	21.2	16.8	31.5	3.2	31.5	31.5	31.5	27.1	22.6	18.1	13.6
		115°F									**125°F**								
900	72	29.4	3.4	21.0	18.4	15.8	13.3	10.7	-	-	26.6	3.7	20.4	17.9	15.3	12.7	10.2	-	-
	67	26.9	3.4	25.5	23.0	20.4	17.8	15.3	12.7	10.1	23.6	3.6	23.6	22.0	19.5	16.9	14.3	11.8	9.2
	62	26.2	3.3	26.2	25.3	22.7	20.2	17.6	15.0	12.5	23.4	3.6	23.4	23.4	21.3	18.7	16.1	13.6	11.0
	57	26.2	3.3	26.2	25.3	22.7	20.2	17.6	15.0	12.5	23.4	3.6	23.4	23.4	21.3	18.7	16.1	13.6	11.0
1050	72	30.0	3.5	23.2	20.2	17.2	14.1	11.1	-	-	26.7	3.7	22.5	19.5	16.4	13.4	10.4	-	-
	67	27.4	3.4	26.8	25.1	22.1	19.1	16.0	13.0	10.0	23.7	3.6	23.7	23.7	20.9	17.9	14.8	11.8	8.8
	62	26.8	3.4	26.8	26.3	24.6	21.6	18.6	15.5	12.5	23.5	3.6	23.5	23.5	22.8	19.8	16.8	13.7	10.7
	57	26.8	3.4	26.8	26.3	24.6	21.6	18.6	15.5	12.5	23.5	3.6	23.5	23.5	22.8	19.8	16.8	13.7	10.7
1200	72	30.6	3.5	25.5	22.0	18.5	15.0	11.5	-	-	26.8	3.8	24.6	21.1	17.6	14.1	10.6	-	-
	67	28.0	3.4	28.0	27.3	23.8	20.3	16.8	13.3	9.8	23.7	3.7	23.7	23.7	22.4	18.9	15.4	11.9	8.4
	62	27.3	3.4	27.3	27.3	26.5	23.0	19.5	16.0	12.5	23.6	3.6	23.6	23.6	23.6	20.9	17.4	13.9	10.4
	57	27.3	3.4	27.3	27.3	26.5	23.0	19.5	16.0	12.5	23.6	3.6	23.6	23.6	23.6	20.9	17.4	13.9	10.4
1350	72	31.2	3.5	28.0	24.0	20.0	16.0	12.0	-	-	27.8	3.8	27.1	23.2	19.2	15.2	11.2	-	-
	67	28.6	3.5	28.6	28.2	25.7	21.8	17.8	13.8	9.8	24.6	3.7	24.6	24.6	24.4	20.4	16.4	12.5	8.5
	62	27.9	3.4	27.9	27.9	27.5	23.5	19.5	15.5	11.5	24.4	3.6	24.4	24.4	24.4	20.8	16.9	12.9	8.9
	57	27.9	3.4	27.9	27.9	27.5	23.5	19.5	15.5	11.5	24.4	3.6	24.4	24.4	24.4	20.8	16.9	12.9	8.9
1500	72	31.8	3.5	30.4	26.0	21.5	17.0	12.6	-	-	28.7	3.8	28.7	25.3	20.8	16.3	11.8	-	-
	67	29.1	3.5	29.1	29.1	27.7	23.2	18.7	14.3	9.8	25.5	3.7	25.5	25.5	25.5	22.0	17.5	13.1	8.6
	62	28.4	3.4	28.4	28.4	28.4	23.9	19.5	15.0	10.5	25.3	3.7	25.3	25.3	25.3	20.8	16.3	11.9	7.4
	57	28.4	3.4	28.4	28.4	28.4	23.9	19.5	15.0	10.5	25.3	3.7	25.3	25.3	25.3	20.8	16.3	11.9	7.4

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

JP042 (3.5 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
1050	72	52.6	2.8	29.0	26.1	23.1	20.1	17.1	-	-	48.2	3.0	28.0	25.0	22.0	19.0	16.0	-	-
	67	51.1	2.8	36.6	33.6	30.6	27.6	24.6	21.7	18.7	46.6	3.0	35.2	32.2	29.2	26.2	23.2	20.2	17.2
	62	48.2	2.7	42.2	39.2	36.2	33.2	30.2	27.2	24.2	44.3	3.0	40.1	37.1	34.1	31.1	28.1	25.1	22.1
	57	48.1	2.7	42.1	39.1	36.1	33.1	30.1	27.1	24.1	44.3	3.0	40.0	37.0	34.0	31.1	28.1	25.1	22.1
1225	72	53.0	2.8	32.0	28.5	24.9	21.4	17.9	-	-	49.4	3.1	31.1	27.5	24.0	20.5	16.9	-	-
	67	51.5	2.7	40.2	36.7	33.1	29.6	26.0	22.5	19.0	47.8	3.0	38.8	35.3	31.8	28.2	24.7	21.1	17.6
	62	48.6	2.7	45.6	42.7	39.1	35.6	32.1	28.5	25.0	45.5	3.0	43.3	40.7	37.1	33.6	30.0	26.5	23.0
	57	48.5	2.7	45.5	42.6	39.1	35.5	32.0	28.4	24.9	45.4	3.0	43.3	40.6	37.1	33.5	30.0	26.5	22.9
1400	72	53.5	2.7	35.0	30.9	26.8	22.7	18.6	-	-	50.7	3.1	34.1	30.0	26.0	21.9	17.8	-	-
	67	52.0	2.7	43.8	39.7	35.6	31.5	27.4	23.4	19.3	49.0	3.1	42.5	38.4	34.4	30.3	26.2	22.1	18.0
	62	49.0	2.7	49.0	46.2	42.1	38.0	33.9	29.8	25.8	46.6	3.0	46.6	44.2	40.2	36.1	32.0	27.9	23.8
	57	48.9	2.7	48.9	46.1	42.0	37.9	33.8	29.7	25.7	46.6	3.0	46.6	44.2	40.1	36.0	31.9	27.9	23.8
1575	72	55.4	2.8	38.2	33.6	28.9	24.3	19.7	-	-	51.5	3.1	37.2	32.5	27.9	23.2	18.6	-	-
	67	53.8	2.8	49.1	43.1	38.5	33.8	29.2	24.5	19.9	49.8	3.1	46.2	41.6	36.9	32.3	27.6	23.0	18.3
	62	50.8	2.7	50.8	49.3	45.4	40.8	36.1	31.5	26.8	47.4	3.0	47.4	46.2	43.2	38.5	33.9	29.2	24.6
	57	50.7	2.7	50.7	49.2	45.3	40.7	36.0	31.4	26.8	47.3	3.0	47.3	46.1	43.1	38.5	33.8	29.2	24.5
1750	72	57.3	2.8	41.5	36.3	31.1	25.9	20.7	-	-	52.3	3.1	40.3	35.1	29.8	24.6	19.4	-	-
	67	55.7	2.8	54.4	46.5	41.3	36.1	30.9	25.7	20.4	50.6	3.1	49.9	44.7	39.5	34.3	29.1	23.9	18.6
	62	52.5	2.8	52.5	52.5	48.8	43.6	38.4	33.2	27.9	48.1	3.0	48.1	48.1	46.2	41.0	35.7	30.5	25.3
	57	52.4	2.8	52.4	52.4	48.7	43.5	38.3	33.1	27.8	48.1	3.0	48.1	48.1	46.1	40.9	35.7	30.5	25.3
		95°F									**105°F**								
1050	72	43.7	3.3	27.0	24.0	21.0	18.0	15.0	-	-	41.7	3.7	26.1	23.1	20.1	17.1	14.1	-	-
	67	42.0	3.3	33.7	30.7	27.7	24.7	21.7	18.7	15.7	38.5	3.6	32.3	29.3	26.3	23.3	20.3	17.3	14.3
	62	40.4	3.2	38.0	35.0	32.0	29.0	26.0	23.0	20.0	38.0	3.6	35.8	32.8	29.8	26.8	23.8	20.8	17.8
	57	40.4	3.2	38.0	35.0	32.0	29.0	26.0	23.0	20.0	38.0	3.6	35.8	32.8	29.8	26.8	23.8	20.8	17.8
1225	72	45.8	3.4	30.1	26.6	23.1	19.5	16.0	-	-	43.2	3.8	29.1	25.6	22.1	18.5	15.0	-	-
	67	44.0	3.3	37.5	33.9	30.4	26.9	23.3	19.8	16.2	39.9	3.6	35.6	32.4	28.9	25.3	21.8	18.3	14.7
	62	42.3	3.3	41.1	38.6	35.1	31.6	28.0	24.5	20.9	39.3	3.6	38.2	36.2	32.7	29.1	25.6	22.1	18.5
	57	42.3	3.3	41.1	38.6	35.1	31.6	28.0	24.5	20.9	39.3	3.6	38.2	36.2	32.7	29.1	25.6	22.1	18.5
1400	72	47.9	3.4	33.3	29.2	25.1	21.0	16.9	-	-	44.7	3.8	32.2	28.1	24.0	19.9	15.9	-	-
	67	46.0	3.4	41.3	37.2	33.1	29.0	24.9	20.9	16.8	41.3	3.7	38.9	35.5	31.4	27.3	23.3	19.2	15.1
	62	44.2	3.3	44.2	42.3	38.2	34.1	30.1	26.0	21.9	40.7	3.7	40.7	39.7	35.6	31.5	27.4	23.3	19.3
	57	44.2	3.3	44.2	42.3	38.2	34.1	30.1	26.0	21.9	40.7	3.7	40.7	39.7	35.6	31.5	27.4	23.3	19.3
1575	72	47.6	3.4	36.1	31.5	26.8	22.2	17.5	-	-	45.4	3.8	35.1	30.5	25.8	21.2	16.5	-	-
	67	45.8	3.4	43.4	40.0	35.4	30.7	26.1	21.4	16.8	41.9	3.7	40.7	38.4	33.8	29.2	24.5	19.9	15.2
	62	44.0	3.3	44.0	43.0	40.9	36.2	31.6	26.9	22.3	41.3	3.7	41.3	40.8	38.3	33.6	29.0	24.3	19.7
	57	44.0	3.3	44.0	43.0	40.9	36.2	31.6	26.9	22.3	41.3	3.7	41.3	40.8	38.3	33.6	29.0	24.3	19.7
1750	72	47.3	3.4	39.0	33.8	28.6	23.4	18.2	-	-	46.1	3.9	38.1	32.9	27.7	22.4	17.2	-	-
	67	45.5	3.4	45.5	42.9	37.7	32.5	27.3	22.0	16.8	42.5	3.7	42.5	41.2	36.2	31.0	25.8	20.5	15.3
	62	43.7	3.3	43.7	43.7	43.5	38.3	33.1	27.9	22.7	41.9	3.7	41.9	41.9	41.0	35.7	30.5	25.3	20.1
	57	43.7	3.3	43.7	43.7	43.5	38.3	33.1	27.9	22.7	41.9	3.7	41.9	41.9	41.0	35.7	30.5	25.3	20.1
		115°F									**125°F**								
1050	72	39.8	4.1	25.2	22.2	19.2	16.2	13.2	-	-	37.8	4.6	24.3	21.3	18.3	15.3	12.3	-	-
	67	35.0	3.9	30.9	27.9	24.9	21.9	18.9	15.9	12.9	31.5	4.2	29.5	26.5	23.5	20.5	17.5	14.5	11.6
	62	35.6	3.9	33.6	30.6	27.6	24.6	21.6	18.6	15.6	33.2	4.3	31.4	28.4	25.4	22.4	19.4	16.4	13.4
	57	35.6	3.9	33.6	30.6	27.6	24.6	21.6	18.6	15.6	33.2	4.3	31.4	28.4	25.4	22.4	19.4	16.4	13.4
1225	72	40.7	4.2	28.1	24.6	21.1	17.5	14.0	-	-	38.1	4.6	27.1	23.6	20.1	16.5	13.0	-	-
	67	35.8	3.9	33.8	30.9	27.3	23.8	20.3	16.7	13.2	31.7	4.2	31.7	29.3	25.8	22.3	18.7	15.2	11.7
	62	36.4	4.0	35.4	33.8	30.3	26.7	23.2	19.7	16.1	33.4	4.3	32.5	31.4	27.9	24.3	20.8	17.2	13.7
	57	36.4	4.0	35.4	33.8	30.3	26.7	23.2	19.7	16.1	33.4	4.3	32.5	31.4	27.9	24.3	20.8	17.2	13.7
1400	72	41.6	4.2	31.1	27.0	22.9	18.8	14.8	-	-	38.4	4.6	30.0	25.9	21.8	17.8	13.7	-	-
	67	36.6	4.0	36.6	33.8	29.8	25.7	21.6	17.5	13.4	31.9	4.3	31.9	31.9	28.1	24.0	19.9	15.8	11.8
	62	37.2	4.0	37.2	37.0	32.9	28.9	24.8	20.7	16.6	33.6	4.4	33.6	33.6	30.3	26.2	22.1	18.1	14.0
	57	37.2	4.0	37.2	37.0	32.9	28.9	24.8	20.7	16.6	33.6	4.4	33.6	33.6	30.3	26.2	22.1	18.1	14.0
1575	72	43.2	4.3	34.1	29.5	24.8	20.2	15.5	-	-	41.0	4.7	33.1	28.5	23.8	19.2	14.5	-	-
	67	38.1	4.0	38.1	36.7	32.2	27.6	22.9	18.3	13.6	34.2	4.4	34.2	34.2	30.6	26.0	21.3	16.7	12.0
	62	38.7	4.1	38.7	38.6	35.7	31.0	26.4	21.7	17.1	36.0	4.5	36.0	36.0	33.1	28.4	23.8	19.1	14.5
	57	38.7	4.1	38.7	38.6	35.7	31.0	26.4	21.7	17.1	36.0	4.5	36.0	36.0	33.1	28.4	23.8	19.1	14.5
1750	72	44.9	4.4	37.2	31.9	26.7	21.5	16.3	-	-	43.6	4.8	36.2	31.0	25.8	20.6	15.4	-	-
	67	39.5	4.1	39.5	39.5	34.7	29.5	24.2	19.0	13.8	36.5	4.5	36.5	36.5	33.2	28.0	22.7	17.5	12.3
	62	40.1	4.2	40.1	40.1	38.4	33.2	28.0	22.8	17.5	38.4	4.6	38.4	38.4	35.8	30.6	25.4	20.2	15.0
	57	40.1	4.2	40.1	40.1	38.4	33.2	28.0	22.8	17.5	38.4	4.6	38.4	38.4	35.8	30.6	25.4	20.2	15.0

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

JP048 (4.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)							Total Capacity[1] (MBh)	Total Input (kW)[2]	Sensible Capacity (MBh) Return Dry Bulb (°F)						
CFM	WB (°F)			86	83	80	77	74	71	68			86	83	80	77	74	71	68
		75°F									**85°F**								
1200	72	57.2	2.7	33.8	30.4	27.0	23.6	20.2	-	-	53.9	3.2	31.5	28.1	24.7	21.3	17.8	-	-
	67	52.0	2.7	40.2	36.8	33.4	30.0	26.5	23.1	19.7	49.5	3.1	38.9	35.5	32.1	28.6	25.2	21.8	18.4
	62	50.2	2.7	45.3	41.9	38.5	35.0	31.6	28.2	24.8	48.1	3.1	43.2	39.8	36.3	32.9	29.5	26.1	22.7
	57	50.2	2.7	45.3	41.9	38.5	35.0	31.6	28.2	24.8	48.1	3.1	43.2	39.8	36.3	32.9	29.5	26.1	22.7
1400	72	58.5	2.7	37.4	33.4	29.4	25.3	21.3	-	-	55.1	3.2	35.0	30.9	26.9	22.8	18.8	-	-
	67	53.2	2.7	44.4	40.4	36.3	32.3	28.2	24.2	20.1	50.6	3.1	43.0	39.0	34.9	30.9	26.8	22.8	18.7
	62	51.4	2.7	48.9	45.9	41.8	37.8	33.7	29.7	25.6	49.1	3.1	46.7	43.6	39.6	35.5	31.5	27.5	23.4
	57	51.4	2.7	48.9	45.9	41.8	37.8	33.7	29.7	25.6	49.1	3.1	46.7	43.6	39.6	35.5	31.5	27.5	23.4
1600	72	59.8	2.7	41.1	36.4	31.7	27.1	22.4	-	-	56.3	3.2	38.4	33.8	29.1	24.4	19.8	-	-
	67	54.4	2.7	48.6	43.9	39.2	34.6	29.9	25.2	20.6	51.7	3.2	47.1	42.5	37.8	33.1	28.5	23.8	19.1
	62	52.5	2.7	52.5	49.9	45.2	40.5	35.9	31.2	26.5	50.2	3.1	50.2	47.5	42.8	38.2	33.5	28.8	24.2
	57	52.5	2.7	52.5	49.9	45.2	40.5	35.9	31.2	26.5	50.2	3.1	50.2	47.5	42.8	38.2	33.5	28.8	24.2
1800	72	62.0	2.7	45.0	39.7	34.4	29.1	23.8	-	-	57.2	3.2	41.9	36.6	31.3	26.0	20.6	-	-
	67	56.4	2.8	53.5	47.9	42.6	37.3	32.0	26.7	21.3	52.6	3.2	50.3	45.9	40.6	35.3	30.0	24.7	19.4
	62	54.5	2.7	54.5	53.1	49.1	43.7	38.4	33.1	27.8	51.0	3.1	51.0	49.7	46.1	40.7	35.4	30.1	24.8
	57	54.5	2.7	54.5	53.1	49.1	43.7	38.4	33.1	27.8	51.0	3.1	51.0	49.7	46.1	40.7	35.4	30.1	24.8
2000	72	64.2	2.8	49.0	43.1	37.1	31.2	25.2	-	-	58.1	3.2	45.4	39.4	33.5	27.5	21.5	-	-
	67	58.4	2.8	58.4	51.9	46.0	40.0	34.0	28.1	22.1	53.4	3.2	53.4	49.4	43.5	37.5	31.5	25.6	19.6
	62	56.4	2.8	56.4	56.4	52.9	47.0	41.0	35.0	29.1	51.9	3.1	51.9	51.9	49.3	43.3	37.4	31.4	25.4
	57	56.4	2.8	56.4	56.4	52.9	47.0	41.0	35.0	29.1	51.9	3.1	51.9	51.9	49.3	43.3	37.4	31.4	25.4
		95°F									**105°F**								
1200	72	50.6	3.6	29.2	25.8	22.4	18.9	15.5	-	-	49.5	4.1	29.1	25.7	22.3	18.9	15.4	-	-
	67	47.0	3.6	37.6	34.1	30.7	27.3	23.9	20.5	17.0	44.7	4.1	36.7	33.3	29.9	26.5	23.0	19.6	16.2
	62	45.9	3.5	41.1	37.7	34.2	30.8	27.4	24.0	20.5	45.0	4.1	39.8	36.4	32.9	29.5	26.1	22.7	19.3
	57	45.9	3.5	41.1	37.6	34.2	30.8	27.4	24.0	20.5	45.0	4.1	39.8	36.4	32.9	29.5	26.1	22.7	19.2
1400	72	51.6	3.6	32.5	28.4	24.4	20.4	16.3	-	-	49.9	4.1	32.3	28.3	24.3	20.2	16.2	-	-
	67	48.0	3.6	41.6	37.6	33.5	29.5	25.4	21.4	17.4	45.2	4.1	40.3	36.6	32.5	28.5	24.4	20.4	16.4
	62	46.9	3.5	44.5	41.4	37.4	33.3	29.3	25.2	21.2	45.4	4.1	42.8	39.9	35.9	31.8	27.8	23.7	19.7
	57	46.9	3.5	44.5	41.4	37.4	33.3	29.3	25.2	21.2	45.4	4.1	42.8	39.9	35.9	31.8	27.8	23.7	19.7
1600	72	52.7	3.6	35.8	31.1	26.4	21.8	17.1	-	-	50.4	4.1	35.6	30.9	26.2	21.6	16.9	-	-
	67	49.0	3.6	45.7	41.0	36.3	31.7	27.0	22.3	17.7	45.6	4.0	43.9	39.9	35.2	30.5	25.9	21.2	16.5
	62	47.8	3.6	47.8	45.2	40.5	35.8	31.2	26.5	21.8	45.8	4.1	45.8	43.5	38.8	34.1	29.5	24.8	20.1
	57	47.8	3.6	47.8	45.2	40.5	35.8	31.2	26.5	21.8	45.8	4.1	45.8	43.5	38.8	34.1	29.5	24.8	20.1
1800	72	52.4	3.6	38.8	33.4	28.1	22.8	17.5	-	-	51.4	4.1	38.7	33.4	28.1	22.7	17.4	-	-
	67	48.7	3.6	47.0	44.0	38.7	33.3	28.0	22.7	17.4	46.5	4.1	45.7	43.0	37.6	32.3	27.0	21.7	16.4
	62	47.6	3.5	47.6	46.2	43.1	37.8	32.4	27.1	21.8	46.8	4.1	46.8	45.6	41.5	36.2	30.9	25.6	20.2
	57	47.6	3.5	47.6	46.2	43.1	37.8	32.4	27.1	21.8	46.8	4.1	46.8	45.6	41.5	36.2	30.9	25.6	20.2
2000	72	52.1	3.6	41.7	35.8	29.8	23.9	17.9	-	-	52.4	4.2	41.8	35.9	29.9	23.9	18.0	-	-
	67	48.4	3.5	48.4	46.9	41.0	35.0	29.0	23.1	17.1	47.4	4.1	47.4	46.1	40.1	34.1	28.2	22.2	16.2
	62	47.3	3.5	47.3	47.3	45.6	39.7	33.7	27.8	21.8	47.7	4.1	47.7	47.7	44.2	38.2	32.3	26.3	20.3
	57	47.3	3.5	47.3	47.3	45.6	39.7	33.7	27.8	21.8	47.7	4.1	47.7	47.7	44.2	38.2	32.3	26.3	20.3
		115°F									**125°F**								
1200	72	48.4	4.7	29.0	25.6	22.2	18.8	15.3	-	-	47.3	5.2	28.9	25.5	22.1	18.7	15.3	-	-
	67	42.5	4.6	35.9	32.5	29.0	25.6	22.2	18.8	15.3	40.2	5.1	35.0	31.6	28.2	24.8	21.3	17.9	14.5
	62	44.2	4.6	38.5	35.1	31.6	28.2	24.8	21.4	18.0	43.3	5.1	37.2	33.8	30.3	26.9	23.5	20.1	16.7
	57	44.1	4.6	38.5	35.1	31.6	28.2	24.8	21.4	18.0	43.3	5.1	37.2	33.8	30.3	26.9	23.5	20.1	16.7
1400	72	48.2	4.6	32.2	28.1	24.1	20.1	16.0	-	-	46.5	5.1	32.0	28.0	24.0	19.9	15.9	-	-
	67	42.3	4.5	39.0	35.6	31.5	27.5	23.4	19.4	15.4	39.5	5.0	37.7	34.6	30.5	26.5	22.4	18.4	14.4
	62	44.0	4.6	41.2	38.4	34.4	30.3	26.3	22.2	18.2	42.6	5.1	39.5	36.9	32.9	28.8	24.8	20.7	16.7
	57	44.0	4.6	41.2	38.4	34.4	30.3	26.3	22.2	18.2	42.5	5.1	39.5	36.9	32.9	28.8	24.8	20.7	16.7
1600	72	48.1	4.6	35.3	30.7	26.0	21.3	16.7	-	-	45.7	5.1	35.1	30.5	25.8	21.1	16.5	-	-
	67	42.2	4.5	42.2	38.7	34.0	29.4	24.7	20.0	15.4	38.8	5.0	38.8	37.5	32.9	28.2	23.5	18.9	14.2
	62	43.8	4.6	43.8	41.8	37.1	32.4	27.8	23.1	18.4	41.8	5.1	41.8	40.1	35.4	30.7	26.1	21.4	16.7
	57	43.8	4.6	43.8	41.8	37.1	32.4	27.8	23.1	18.4	41.8	5.1	41.8	40.1	35.4	30.7	26.1	21.4	16.7
1800	72	50.4	4.7	38.6	33.3	28.0	22.7	17.4	-	-	49.4	5.2	38.6	33.2	27.9	22.6	17.3	-	-
	67	44.3	4.6	44.3	41.9	36.6	31.3	26.0	20.7	15.4	42.0	5.0	42.0	40.9	35.6	30.3	25.0	19.7	14.4
	62	46.0	4.6	46.0	45.0	39.9	34.6	29.3	24.0	18.7	45.2	5.1	45.2	44.3	38.3	33.0	27.7	22.4	17.1
	57	46.0	4.6	46.0	45.0	39.9	34.6	29.3	24.0	18.7	45.2	5.1	45.2	44.3	38.3	33.0	27.7	22.4	17.1
2000	72	52.8	4.7	41.9	35.9	30.0	24.0	18.1	-	-	53.2	5.2	42.0	36.0	30.1	24.1	18.1	-	-
	67	46.3	4.6	46.3	45.2	39.2	33.3	27.3	21.3	15.4	45.3	5.1	45.3	44.3	38.3	32.4	26.4	20.5	14.5
	62	48.2	4.6	48.2	48.2	42.7	36.8	30.8	24.9	18.9	48.6	5.2	48.6	48.6	41.3	35.3	29.4	23.4	17.5
	57	48.2	4.6	48.2	48.2	42.7	36.8	30.8	24.9	18.9	48.6	5.2	48.6	48.6	41.3	35.3	29.4	23.4	17.4

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

JP060 (5.0 Ton)

Air on Evaporator Coil		Temperature of Air on Condenser Coil																	
		Total	Total	Sensible Capacity (MBh)							Total	Total	Sensible Capacity (MBh)						
CFM	WB	Capacity[1]	Input	Return Dry Bulb (°F)							Capacity[1]	Input	Return Dry Bulb (°F)						
	(°F)	(MBh)	(kW)[2]	86	83	80	77	74	71	68	(MBh)	(kW)[2]	86	83	80	77	74	71	68
		75°F									**85°F**								
1500	72	58.4	3.3	35.8	31.5	27.3	23.0	18.7	-	-	63.8	3.9	36.8	32.6	28.3	24.0	19.7	-	-
	67	58.6	3.3	49.3	45.0	40.7	36.4	32.2	27.9	23.6	59.4	3.9	47.6	43.3	39.1	34.8	30.5	26.2	22.0
	62	53.6	3.2	51.8	47.5	43.2	38.9	34.7	30.4	26.1	58.9	3.9	50.3	46.1	41.8	37.5	33.2	29.0	24.7
	57	53.6	3.2	51.8	47.5	43.2	38.9	34.7	30.4	26.1	58.9	3.9	50.3	46.1	41.8	37.5	33.2	29.0	24.7
1750	72	61.9	3.4	39.5	34.5	29.4	24.4	19.3	-	-	65.2	4.0	41.1	36.1	31.0	26.0	20.9	-	-
	67	61.8	3.4	54.2	49.1	44.1	39.0	34.0	28.9	23.8	60.7	3.9	52.9	47.9	42.8	37.8	32.7	27.7	22.6
	62	56.9	3.2	56.9	51.8	46.7	41.7	36.6	31.6	26.5	60.2	3.9	55.9	50.9	45.8	40.8	35.7	30.7	25.6
	57	56.9	3.2	56.8	51.8	46.7	41.7	36.6	31.6	26.5	60.2	3.9	55.9	50.9	45.8	40.8	35.7	30.7	25.6
2000	72	65.4	3.5	43.3	37.4	31.6	25.8	19.9	-	-	66.6	4.0	45.4	39.6	33.7	27.9	22.1	-	-
	67	65.1	3.4	59.1	53.2	47.4	41.6	35.7	29.9	24.1	62.0	3.9	58.3	52.4	46.6	40.8	35.0	29.1	23.3
	62	60.1	3.3	61.9	56.1	50.3	44.4	38.6	32.8	26.9	61.5	3.9	61.5	55.7	49.9	44.0	38.2	32.4	26.5
	57	60.1	3.3	61.9	56.1	50.3	44.4	38.6	32.8	26.9	61.5	3.9	61.5	55.7	49.9	44.0	38.2	32.4	26.5
2250	72	64.3	3.5	46.8	40.1	33.5	26.8	20.2	-	-	68.2	4.0	49.2	42.6	35.9	29.3	22.6	-	-
	67	64.3	3.4	61.3	56.9	50.3	43.6	37.0	30.3	23.7	63.5	3.9	61.6	56.3	49.6	43.0	36.3	29.7	23.1
	62	59.0	3.3	60.0	59.9	53.3	46.7	40.0	33.4	26.7	63.0	3.9	63.0	59.7	53.1	46.4	39.8	33.1	26.5
	57	59.0	3.3	59.9	59.9	53.3	46.7	40.0	33.4	26.7	63.0	3.9	63.0	59.7	53.1	46.4	39.8	33.1	26.5
2500	72	63.1	3.4	50.3	42.8	35.4	27.9	20.5	-	-	69.8	4.0	53.0	45.5	38.1	30.6	23.2	-	-
	67	63.5	3.4	63.5	60.6	53.1	45.7	38.2	30.8	23.3	64.9	3.9	64.9	60.1	52.6	45.2	37.7	30.3	22.8
	62	58.0	3.3	58.0	63.8	56.3	48.9	41.4	34.0	26.5	64.4	3.9	64.4	63.7	56.3	48.8	41.4	33.9	26.5
	57	58.0	3.3	58.0	63.8	56.3	48.9	41.4	34.0	26.5	64.4	3.9	64.4	63.7	56.3	48.8	41.4	33.9	26.5
		95°F									**105°F**								
1500	72	69.2	4.6	37.8	33.6	29.3	25.0	20.7	-	-	57.9	5.1	34.9	30.6	26.3	22.1	17.8	-	-
	67	60.1	4.5	46.0	41.7	37.4	33.1	28.9	24.6	20.3	52.1	5.0	43.5	39.3	35.0	30.7	26.4	22.1	17.9
	62	64.2	4.5	48.9	44.6	40.4	36.1	31.8	27.5	23.3	54.1	5.0	45.0	40.7	36.4	32.1	27.9	23.6	19.3
	57	64.2	4.5	48.9	44.6	40.4	36.1	31.8	27.5	23.3	54.1	5.0	45.0	40.7	36.4	32.1	27.9	23.6	19.3
1750	72	68.5	4.5	42.7	37.6	32.6	27.5	22.5	-	-	58.2	5.0	39.5	34.4	29.4	24.3	19.3	-	-
	67	59.5	4.4	51.7	46.7	41.6	36.6	31.5	26.5	21.4	52.5	4.9	47.8	44.1	39.0	34.0	28.9	23.9	18.8
	62	63.6	4.5	55.0	50.0	44.9	39.8	34.8	29.7	24.7	54.5	5.0	49.4	45.7	40.6	35.6	30.5	25.5	20.4
	57	63.6	4.5	55.0	50.0	44.9	39.8	34.8	29.7	24.7	54.5	5.0	49.4	45.7	40.6	35.6	30.5	25.5	20.4
2000	72	67.8	4.4	47.5	41.7	35.9	30.0	24.2	-	-	58.6	5.0	44.1	38.3	32.4	26.6	20.8	-	-
	67	58.9	4.3	57.5	51.7	45.8	40.0	34.2	28.3	22.5	52.8	4.9	52.1	48.9	43.1	37.2	31.4	25.6	19.7
	62	62.9	4.4	61.1	55.3	49.4	43.6	37.8	31.9	26.1	54.8	4.9	53.9	50.7	44.9	39.0	33.2	27.4	21.5
	57	62.9	4.4	61.1	55.3	49.4	43.6	37.8	31.9	26.1	54.8	4.9	53.9	50.7	44.9	39.0	33.2	27.4	21.5
2250	72	72.1	4.5	51.6	45.0	38.3	31.7	25.1	-	-	61.3	5.0	47.3	40.7	34.0	27.4	20.7	-	-
	67	62.6	4.4	61.9	55.6	49.0	42.3	35.7	29.1	22.4	55.2	4.9	54.9	51.6	45.2	38.5	31.9	25.2	18.6
	62	66.9	4.5	66.0	59.5	52.8	46.2	39.6	32.9	26.3	57.4	5.0	56.9	53.5	47.1	40.4	33.8	27.1	20.5
	57	66.9	4.5	66.0	59.5	52.8	46.2	39.6	32.9	26.3	57.4	5.0	56.9	53.5	47.1	40.4	33.8	27.1	20.5
2500	72	76.4	4.5	55.7	48.3	40.8	33.4	25.9	-	-	64.1	5.0	50.5	43.1	35.6	28.2	20.7	-	-
	67	66.4	4.4	66.4	59.6	52.1	44.7	37.2	29.8	22.3	57.7	5.0	57.7	54.3	47.2	39.8	32.3	24.9	17.4
	62	70.9	4.5	70.9	63.7	56.2	48.8	41.3	33.9	26.4	59.9	5.0	59.9	56.3	49.3	41.8	34.4	26.9	19.5
	57	70.9	4.5	70.9	63.7	56.2	48.8	41.3	33.9	26.4	59.9	5.0	59.9	56.3	49.3	41.8	34.4	26.9	19.5
		115°F									**125°F**								
1500	72	46.6	5.5	32.0	27.7	23.4	19.1	14.8	-	-	35.3	6.0	29.0	24.7	20.5	16.2	11.9	-	-
	67	44.1	5.5	41.1	36.8	32.5	28.3	24.0	19.7	15.4	36.2	6.0	36.2	34.4	30.1	25.8	21.6	17.3	13.0
	62	44.1	5.5	41.0	36.8	32.5	28.2	23.9	19.7	15.4	34.0	6.0	34.0	32.8	28.6	24.3	20.0	15.7	11.5
	57	44.1	5.5	41.0	36.8	32.5	28.2	23.9	19.7	15.4	34.0	6.0	34.0	32.8	28.6	24.3	20.0	15.7	11.5
1750	72	48.0	5.5	36.3	31.3	26.2	21.1	16.1	-	-	37.7	6.0	33.1	28.1	23.0	18.0	12.9	-	-
	67	45.4	5.5	43.9	41.5	36.4	31.4	26.3	21.3	16.2	38.4	6.0	38.4	38.4	33.8	28.8	23.7	18.7	13.6
	62	45.3	5.5	43.8	41.4	36.4	31.3	26.3	21.2	16.2	36.2	6.0	36.2	36.2	32.1	27.1	22.0	17.0	11.9
	57	45.3	5.5	43.8	41.4	36.4	31.3	26.3	21.2	16.2	36.2	6.0	36.2	36.2	32.1	27.1	22.0	17.0	11.9
2000	72	49.3	5.5	40.7	34.8	29.0	23.2	17.3	-	-	40.0	6.0	37.2	31.4	25.6	19.7	13.9	-	-
	67	46.7	5.5	46.7	46.2	40.3	34.5	28.7	22.8	17.0	40.6	6.0	40.6	40.6	37.6	31.7	25.9	20.1	14.2
	62	46.6	5.5	46.6	46.1	40.3	34.4	28.6	22.8	16.9	38.4	6.0	38.4	38.4	35.7	29.8	24.0	18.2	12.3
	57	46.6	5.5	46.6	46.1	40.3	34.4	28.6	22.8	16.9	38.4	6.0	38.4	38.4	35.7	29.8	24.0	18.2	12.3
2250	72	50.5	5.5	43.0	36.4	29.7	23.1	16.4	-	-	39.7	6.0	38.7	32.1	25.4	18.8	12.1	-	-
	67	47.8	5.5	47.8	47.6	41.3	34.7	28.1	21.4	14.8	40.4	6.0	40.4	40.4	37.5	30.9	24.2	17.6	10.9
	62	47.8	5.5	47.8	47.5	41.3	34.6	28.0	21.3	14.7	38.2	6.0	38.2	38.2	35.5	28.9	22.2	15.6	8.9
	57	47.8	5.5	47.8	47.5	41.3	34.6	28.0	21.3	14.7	38.2	6.0	38.2	38.2	35.5	28.9	22.2	15.6	8.9
2500	72	51.8	5.5	45.4	37.9	30.5	23.0	15.5	-	-	39.5	6.0	39.5	32.7	25.3	17.8	10.4	-	-
	67	49.0	5.5	49.0	49.0	42.3	34.9	27.4	20.0	12.5	40.3	6.0	40.3	40.3	37.5	30.0	22.6	15.1	7.6
	62	48.9	5.5	48.9	48.9	42.3	34.8	27.4	19.9	12.5	37.9	6.0	37.9	37.9	35.3	27.9	20.4	13.0	5.5
	57	48.9	5.5	48.9	48.9	42.3	34.8	27.4	19.9	12.5	37.9	6.0	37.9	37.9	35.3	27.9	20.4	13.0	5.5

1. These capacities are gross ratings. For net capacity, deduct air blower motor, MBh = 3.415 x kW. Refer to the appropriate Blower Performance Table for the kW of the supply air blower motor.
2. These ratings include the condensate fan motors (total .25 kW) and the compressor motors but not the supply air blower motor.

Heating Capacities

JP024-060

Size (Tons)	Model	Air Over Evaporator Coil		Capacity & kW	Outdoor Temperature (°F @ 72% RH)							
		CFM	DB (°F)		-10	0	10	20	30	40	50	60
024 (2.0)	JP	600	55	MBH	7.69	9.17	10.98	13.19	15.88	19.17	23.18	28.07
				KW	1.03	1.12	1.21	1.30	1.39	1.48	1.57	1.66
			70	MBH	5.55	7.03	8.84	11.05	13.75	17.03	21.04	25.94
				KW	1.19	1.28	1.37	1.46	1.55	1.64	1.73	1.82
			80	MBH	3.80	5.28	7.09	9.30	11.99	15.28	19.29	24.18
				KW	1.29	1.38	1.47	1.56	1.65	1.75	1.84	1.93
		800	55	MBH	8.88	10.36	12.17	14.38	17.08	20.36	24.37	29.27
				KW	1.03	1.12	1.21	1.30	1.39	1.49	1.58	1.67
			70	MBH	6.74	8.23	10.04	12.24	14.94	18.23	22.24	27.13
				KW	1.19	1.28	1.37	1.46	1.55	1.64	1.74	1.83
			80	MBH	4.99	6.47	8.28	10.49	13.19	16.47	20.48	25.38
				KW	1.30	1.39	1.48	1.57	1.66	1.75	1.84	1.93
		1000	55	MBH	9.17	10.66	12.47	14.68	17.37	20.66	24.67	29.56
				KW	1.06	1.15	1.25	1.34	1.43	1.52	1.61	1.70
			70	MBH	7.04	8.52	10.33	12.54	15.23	18.52	22.53	27.43
				KW	1.22	1.31	1.40	1.50	1.59	1.68	1.77	1.86
			80	MBH	5.28	6.77	8.58	10.79	13.48	16.77	20.78	25.67
				KW	1.33	1.42	1.51	1.60	1.69	1.78	1.87	1.96
030 (2.5)	JP	750	55	MBH	9.37	11.12	13.27	15.88	19.08	22.98	27.75	33.57
				KW	1.36	1.46	1.56	1.66	1.76	1.87	1.97	2.07
			70	MBH	6.75	8.50	10.64	13.26	16.46	20.36	25.13	30.95
				KW	1.54	1.64	1.74	1.84	1.94	2.04	2.15	2.25
			80	MBH	4.99	6.74	8.88	11.50	14.70	18.60	23.37	29.19
				KW	1.66	1.76	1.86	1.97	2.07	2.17	2.27	2.37
		1000	55	MBH	10.56	12.31	14.45	17.07	20.27	24.17	28.94	34.76
				KW	1.30	1.40	1.50	1.60	1.70	1.80	1.91	2.01
			70	MBH	7.93	9.69	11.83	14.45	17.65	21.55	26.32	32.14
				KW	1.47	1.58	1.68	1.78	1.88	1.98	2.08	2.19
			80	MBH	6.17	7.93	10.07	12.69	15.89	19.79	24.56	30.38
				KW	1.60	1.70	1.80	1.90	2.01	2.11	2.21	2.31
		1250	55	MBH	12.03	13.79	15.93	18.55	21.75	25.65	30.42	36.24
				KW	1.43	1.53	1.64	1.74	1.84	1.94	2.04	2.14
			70	MBH	9.41	11.17	13.31	15.93	19.12	23.03	27.79	33.62
				KW	1.61	1.71	1.81	1.92	2.02	2.12	2.22	2.32
			80	MBH	7.65	9.41	11.55	14.17	17.36	21.27	26.03	31.86
				KW	1.74	1.84	1.94	2.04	2.14	2.25	2.35	2.45
036 (3.0)	JP	900	55	MBH	14.42	16.60	19.17	22.22	25.81	30.06	35.08	41.02
				KW	1.83	1.95	2.07	2.19	2.31	2.43	2.55	2.66
			70	MBH	12.00	14.18	16.76	19.80	23.40	27.65	32.67	38.61
				KW	2.07	2.19	2.31	2.43	2.55	2.66	2.78	2.90
			80	MBH	10.15	12.33	14.90	17.95	21.54	25.79	30.82	36.75
				KW	2.23	2.35	2.47	2.59	2.71	2.83	2.95	3.07
		1200	55	MBH	14.41	16.59	19.16	22.21	25.80	30.05	35.08	41.01
				KW	1.84	1.96	2.08	2.20	2.32	2.44	2.56	2.68
			70	MBH	11.99	14.17	16.75	19.79	23.39	27.64	32.66	38.60
				KW	2.08	2.20	2.32	2.44	2.56	2.68	2.80	2.92
			80	MBH	10.14	12.32	14.89	17.94	21.53	25.79	30.81	36.74
				KW	2.25	2.36	2.48	2.60	2.72	2.84	2.96	3.08
		1500	55	MBH	16.04	18.22	20.79	23.84	27.43	31.69	36.71	42.64
				KW	2.11	2.23	2.34	2.46	2.58	2.70	2.82	2.94
			70	MBH	13.63	15.81	18.38	21.43	25.02	29.27	34.29	40.23
				KW	2.34	2.46	2.58	2.70	2.82	2.94	3.06	3.18
			80	MBH	11.77	13.95	16.53	19.57	23.17	27.42	32.44	38.37
				KW	2.51	2.63	2.75	2.86	2.98	3.10	3.22	3.34

JP024-060 (Continued)

Size (Tons)	Model	Air Over Evaporator Coil		Capacity & kW	Outdoor Temperature (°F @ 72% RH)							
		CFM	DB (°F)		-10	0	10	20	30	40	50	60
042 (3.5)	JP	1050	55	MBH	13.79	16.47	19.71	23.62	28.33	34.02	40.88	49.17
				KW	1.78	1.96	2.14	2.33	2.51	2.70	2.88	3.06
			70	MBH	10.94	13.62	16.86	20.77	25.48	31.17	38.04	46.32
				KW	2.08	2.26	2.45	2.63	2.82	3.00	3.18	3.37
			80	MBH	8.57	11.25	14.49	18.39	23.11	28.80	35.66	43.94
				KW	2.29	2.47	2.65	2.84	3.02	3.21	3.39	3.57
		1400	55	MBH	15.83	18.51	21.75	25.66	30.37	36.06	42.92	51.21
				KW	2.05	2.24	2.42	2.61	2.79	2.97	3.16	3.34
			70	MBH	12.98	15.66	18.90	22.81	27.52	33.21	40.08	48.36
				KW	2.36	2.54	2.73	2.91	3.09	3.28	3.46	3.65
			80	MBH	10.61	13.29	16.53	20.43	25.15	30.84	37.70	45.98
				KW	2.56	2.75	2.93	3.12	3.30	3.48	3.67	3.85
		1750	55	MBH	17.90	20.59	23.83	27.73	32.45	38.14	45.00	53.28
				KW	2.32	2.50	2.69	2.87	3.06	3.24	3.42	3.61
			70	MBH	15.06	17.74	20.98	24.88	29.60	35.29	42.15	50.44
				KW	2.62	2.81	2.99	3.18	3.36	3.54	3.73	3.91
			80	MBH	12.68	15.36	18.60	22.51	27.22	32.91	39.78	48.06
				KW	2.83	3.01	3.20	3.38	3.57	3.75	3.93	4.12
048 (4.0)	JP	1200	55	MBH	17.58	20.55	24.08	28.25	33.20	39.05	45.98	54.20
				KW	2.24	2.37	2.51	2.64	2.78	2.91	3.04	3.18
			70	MBH	15.14	18.12	21.64	25.82	30.76	36.61	43.55	51.76
				KW	2.82	2.96	3.09	3.22	3.36	3.49	3.63	3.76
			80	MBH	13.14	16.12	19.64	23.81	28.76	34.61	41.55	49.76
				KW	3.11	3.24	3.37	3.51	3.64	3.78	3.91	4.05
		1600	55	MBH	18.59	21.56	25.09	29.26	34.21	40.06	46.99	55.21
				KW	2.36	2.49	2.63	2.76	2.90	3.03	3.17	3.30
			70	MBH	16.15	19.13	22.65	26.83	31.77	37.62	44.56	52.77
				KW	2.94	3.08	3.21	3.34	3.48	3.61	3.75	3.88
			80	MBH	14.15	17.13	20.65	24.82	29.77	35.62	42.56	50.77
				KW	3.23	3.36	3.50	3.63	3.76	3.90	4.03	4.17
		2000	55	MBH	19.40	22.37	25.90	30.07	35.02	40.87	47.80	56.02
				KW	2.40	2.53	2.67	2.80	2.94	3.07	3.20	3.34
			70	MBH	16.96	19.94	23.46	27.64	32.58	38.43	45.37	53.58
				KW	2.98	3.11	3.25	3.38	3.52	3.65	3.79	3.92
			80	MBH	14.96	17.94	21.46	25.63	30.58	36.43	43.37	51.58
				KW	3.27	3.40	3.53	3.67	3.80	3.94	4.07	4.20
060 (5.0)	JP	1500	55	MBH	21.60	24.97	28.92	33.55	38.99	45.37	52.86	61.64
				KW	2.94	3.07	3.21	3.35	3.49	3.63	3.76	3.90
			70	MBH	19.06	22.42	26.37	31.01	36.45	42.83	50.31	59.09
				KW	3.59	3.72	3.86	4.00	4.14	4.27	4.41	4.55
			80	MBH	16.80	20.17	24.12	28.75	34.19	40.57	48.05	56.84
				KW	3.94	4.08	4.22	4.36	4.49	4.63	4.77	4.91
		2000	55	MBH	21.97	25.34	29.29	33.92	39.36	45.74	53.22	62.01
				KW	2.99	3.13	3.27	3.40	3.54	3.68	3.82	3.96
			70	MBH	19.42	22.79	26.74	31.37	36.81	43.19	50.68	59.46
				KW	3.64	3.78	3.92	4.05	4.19	4.33	4.47	4.60
			80	MBH	17.17	20.53	24.48	29.12	34.56	40.94	48.42	57.20
				KW	4.00	4.14	4.27	4.41	4.55	4.69	4.82	4.96
		2500	55	MBH	22.57	25.94	29.89	34.52	39.96	46.34	53.82	62.61
				KW	3.16	3.30	3.44	3.57	3.71	3.85	3.99	4.12
			70	MBH	20.03	23.39	27.34	31.98	37.41	43.79	51.28	60.06
				KW	3.81	3.95	4.08	4.22	4.36	4.50	4.63	4.77
			80	MBH	17.77	21.13	25.08	29.72	35.16	41.54	49.02	57.80
				KW	4.17	4.30	4.44	4.58	4.72	4.86	4.99	5.13

Airflow Performance

Size (Tons)	Model	Unit Speed)	External Static Pressure (Inch Water Gauge)														
			0.2			0.4			0.6			0.8			1.0		
			SCFM	W	RPM	SCFM	W	RPM	SCFM	W	RPM	SCFM	W	RPM	SCFM	W	RPM
024 (2.0)	SJ	Low	688	81	646	621	92	740	516	108	870	448	119	967	380	131	1064
		Low/Medium	775	99	676	698	113	772	620	128	878	549	140	970	478	153	1062
		Medium	822	123	737	759	138	824	691	151	912	626	169	1010	561	187	1108
		Medium/High	1197	273	877	1134	290	950	1076	311	1024	1019	324	1095	962	338	1166
		High	1463	468	1015	1409	481	1065	1313	461	1106	1170	411	1133	1027	360	1160
	JP	Low	661	82	659	595	93	753	508	107	868	433	119	971	358	131	1074
		Low/Medium	786	113	709	720	127	803	653	141	893	560	156	1004	467	170	1115
		Medium	889	149	760	831	163	843	757	179	939	703	191	1005	649	203	1072
		Medium/High	1185	297	920	1137	311	979	1071	326	1048	1010	338	1109	949	349	1170
		High	1336	471	1031	1263	479	1081	1154	446	1114	1027	397	1133	853	340	1153
030 (2.5)	SJ	Low	830	111	686	760	126	783	686	140	878	587	155	989	488	170	1101
		Low/Medium	951	156	759	893	173	845	827	186	862	760	205	1005	693	223	1147
		Medium	1081	207	816	1015	224	897	952	242	975	887	258	1051	822	274	1126
		Medium/High	1289	333	936	1241	350	992	1168	368	1071	1089	364	1117	1010	359	1162
		High	1463	468	1015	1409	481	1065	1313	461	1106	1170	411	1133	1027	360	1160
	JP	Low	786	113	709	720	127	803	653	141	893	560	156	1004	467	170	1115
		Low/Medium	919	157	772	860	172	854	803	192	943	739	204	1017	675	217	1091
		Medium	1003	196	822	950	210	891	886	225	966	820	240	1049	754	255	1132
		Medium/High	1227	327	945	1172	341	1003	1109	358	1076	1011	345	1121	913	332	1167
		High	1336	471	1031	1263	479	1081	1154	446	1114	1027	397	1133	853	340	1153
036 (3.0)	SJ	Low	889	149	760	831	163	843	757	179	939	703	191	1005	576	207	1092
		Low/Medium	1003	196	822	950	210	891	886	225	966	820	240	1049	754	255	1132
		Medium	1161	276	897	1104	298	973	1043	312	1040	978	325	1105	913	337	1171
		Medium/High	1281	374	980	1222	391	1046	1154	396	1098	1028	359	1127	902	322	1156
		High	1336	471	1031	1263	479	1081	1154	446	1114	1027	397	1133	853	340	1153
	JP	Low	889	149	760	831	163	843	757	179	939	703	191	1005	576	207	1092
		Low/Medium	1017	219	835	954	236	910	878	251	980	821	269	1053	751	281	1125
		Medium	1166	306	912	1101	323	977	1037	338	1042	977	351	1102	833	321	1139
		Medium/High	1255	385	971	1169	400	1030	1109	412	1087	996	384	1123	841	328	1146
		High	1336	471	1031	1263	479	1081	1154	446	1114	1027	397	1133	853	340	1153
042 (3.5)	SJ	Low	1095	233	853	1037	255	936	979	269	1003	904	283	1079	829	297	1154
		Low/Medium	1161	276	897	1104	298	973	1043	312	1040	978	325	1105	913	337	1171
		Medium	1166	306	912	1101	323	977	1037	338	1042	977	351	1102	833	321	1139
		Medium/High	1255	385	971	1169	400	1030	1109	412	1087	996	384	1123	841	328	1146
		High	1336	471	1031	1263	479	1081	1154	446	1114	1027	397	1133	853	340	1153
	JP	Low	1152	224	759	934	263	892	796	282	965	643	318	1086	490	354	1207
		Low/Medium	1265	273	802	1110	312	916	902	339	1005	786	360	1076	670	381	1147
		Medium	1364	318	824	1222	358	933	1012	396	1043	905	417	1101	798	438	1159
		Medium/High	1849	647	990	1734	688	1072	1519	662	1136	1090	535	1161	-	-	-
		High	2227	978	1086	1976	889	1129	1677	757	1151	-	-	-	-	-	-
048 (4.0)	SJ	Low	1264	206	684	1160	228	763	968	258	875	871	274	927	774	290	979
		Low/Medium	1307	227	706	1212	249	780	1060	277	878	924	300	947	788	323	1016
		Medium	1340	250	726	1245	274	803	1100	311	900	996	329	967	892	347	1034
		Medium/High	1854	554	898	1776	583	957	1695	617	1022	1612	643	1077	1529	669	1132
		High	2250	944	1039	2175	964	1081	2034	912	1114	1827	822	1136	1620	732	1158
	JP	Low	1260	275	807	1096	313	915	910	336	992	804	355	1057	774	290	979
		Low/Medium	1471	375	870	1338	415	968	1118	455	1079	963	474	1110	788	323	1016
		Medium	1546	394	865	1391	439	975	1187	479	1080	1062	501	1088	892	347	1034
		Medium/High	1597	434	893	1460	476	989	1277	518	995	1079	515	1050	-	-	-
		High	2227	978	1086	1976	889	1129	1677	757	1151	-	-	-	-	-	-
060 (5.0)	SJ	Low	1368	331	849	1229	369	953	1015	397	1045	898	420	1106	781	443	1167
		Low/Medium	1546	394	865	1391	439	975	1187	479	1080	1062	501	1088	937	523	1096
		Medium	1612	480	923	1488	522	1018	1318	570	1127	1059	515	1157	-	-	-
		Medium/High	1922	687	995	1804	732	928	1566	682	1140	1121	542	1160	-	-	-
		High	2227	978	1086	1976	889	1129	1677	757	1151	-	-	-	-	-	-
	JP	Low	1368	331	849	1229	369	953	1015	397	1045	898	420	1106	781	443	1167
		Low/Medium	1612	480	923	1488	522	1018	1318	570	1127	1059	515	1157	-	-	-
		Medium	1849	647	990	1734	688	1072	1519	662	1136	1090	535	1161	-	-	-
		Medium/High	2033	820	1050	1856	808	1115	1546	684	1145	1065	535	1166	-	-	-
		High	2227	978	1086	1976	889	1129	1677	757	1151	-	-	-	-	-	-

Additional Static Resistance

Size (Tons)	Model	CFM	Wet Indoor Coil	Electric Heat, kW			
				5	6.5	10	15
024 (2.0)	SJ JP	400	0.05	0.05	0.05	0.06	0.07
		500	0.06	0.06	0.06	0.07	0.08
		600	0.07	0.07	0.07	0.08	0.09
		700	0.08	0.08	0.08	0.09	0.10
		800	0.09	0.09	0.09	0.10	0.12
		900	0.1	0.10	0.10	0.11	0.13
		1000	0.12	0.12	0.12	0.13	0.15
		1100	0.13	0.13	0.13	0.14	0.17
		1200	0.15	0.15	0.15	0.16	0.19
		1300	0.17	0.17	0.17	0.18	0.21
		1400	0.19	0.19	0.19	0.20	0.23
030 (2.5)	SJ JP	400	0.05	0.05	0.05	0.06	0.07
		500	0.06	0.06	0.06	0.07	0.08
		600	0.07	0.07	0.07	0.08	0.09
		700	0.08	0.08	0.08	0.09	0.10
		800	0.09	0.09	0.09	0.10	0.12
		900	0.1	0.10	0.10	0.11	0.13
		1000	0.12	0.12	0.12	0.13	0.15
		1100	0.13	0.13	0.13	0.14	0.17
		1200	0.15	0.15	0.15	0.16	0.19
		1300	0.17	0.17	0.17	0.18	0.21
		1400	0.19	0.19	0.19	0.20	0.23
036 (3.0)	SJ JP	400	0.05	0.05	0.05	0.06	0.07
		500	0.06	0.06	0.06	0.07	0.08
		600	0.07	0.07	0.07	0.08	0.09
		700	0.08	0.08	0.08	0.09	0.10
		800	0.09	0.09	0.09	0.10	0.12
		900	0.1	0.10	0.10	0.11	0.13
		1000	0.12	0.12	0.12	0.13	0.15
		1100	0.13	0.13	0.13	0.14	0.17
		1200	0.15	0.15	0.15	0.16	0.19
		1300	0.17	0.17	0.17	0.18	0.21
		1400	0.19	0.19	0.19	0.20	0.23
042 (3.5)	SJ	400	0.05	0.05	0.05	0.06	0.07
		500	0.06	0.06	0.06	0.07	0.08
		600	0.07	0.07	0.07	0.08	0.09
		700	0.08	0.08	0.08	0.09	0.10
		800	0.09	0.09	0.09	0.10	0.12
		900	0.1	0.10	0.10	0.11	0.13
		1000	0.12	0.12	0.12	0.13	0.15
		1100	0.13	0.13	0.13	0.14	0.17
		1200	0.15	0.15	0.15	0.16	0.19
		1300	0.17	0.17	0.17	0.18	0.21
		1400	0.19	0.19	0.19	0.20	0.23
	JP	500	0.09	0.09	0.09	0.10	0.12
		600	0.1	0.10	0.10	0.11	0.13
		700	0.12	0.12	0.12	0.13	0.15
		800	0.13	0.13	0.13	0.14	0.17
		900	0.15	0.15	0.15	0.16	0.19
		1000	0.17	0.17	0.17	0.18	0.21
		1100	0.19	0.19	0.19	0.20	0.23
		1200	0.21	0.21	0.21	0.22	0.25
		1300	0.23	0.23	0.23	0.24	0.27
		1400	0.25	0.25	0.25	0.26	0.29
		1500	0.27	0.27	0.27	0.28	0.31
		1600	0.29	0.29	0.29	0.30	0.33
		1700	0.31	0.31	0.31	0.32	0.35
		1800	0.33	0.33	0.33	0.34	0.37
		1900	0.35	0.35	0.35	0.36	0.39
		2000	0.37	0.37	0.37	0.38	0.41
		2100	0.39	0.39	0.39	0.40	0.43
		2200	0.41	0.41	0.41	0.42	0.45

Additional Static Resistance (Continued)

Size (Tons)	Model	CFM	Wet Indoor Coil	Electric Heat, kW			
				5	6.5	10	15
048 (4.0)	SJ	800	0.09	0.09	0.09	0.10	0.12
		900	0.1	0.10	0.10	0.11	0.13
		1000	0.12	0.12	0.12	0.13	0.15
		1100	0.13	0.13	0.13	0.14	0.17
		1200	0.15	0.15	0.15	0.16	0.19
		1300	0.17	0.17	0.17	0.18	0.21
		1400	0.19	0.19	0.19	0.20	0.23
		1500	0.21	0.21	0.21	0.22	0.25
		1600	0.23	0.23	0.23	0.24	0.27
		1700	0.25	0.25	0.25	0.26	0.29
		1800	0.27	0.27	0.27	0.28	0.31
		1900	0.29	0.29	0.29	0.30	0.33
		2000	0.31	0.31	0.31	0.32	0.35
		2100	0.33	0.33	0.33	0.34	0.37
		2200	0.35	0.35	0.35	0.36	0.39
	JP	500	0.09	0.09	0.09	0.10	0.12
		600	0.1	0.10	0.10	0.11	0.13
		700	0.12	0.12	0.12	0.13	0.15
		800	0.13	0.13	0.13	0.14	0.17
		900	0.15	0.15	0.15	0.16	0.19
		1000	0.17	0.17	0.17	0.18	0.21
		1100	0.19	0.19	0.19	0.20	0.23
		1200	0.21	0.21	0.21	0.22	0.25
		1300	0.23	0.23	0.23	0.24	0.27
		1400	0.25	0.25	0.25	0.26	0.29
		1500	0.27	0.27	0.27	0.28	0.31
		1600	0.29	0.29	0.29	0.30	0.33
		1700	0.31	0.31	0.31	0.32	0.35
		1800	0.33	0.33	0.33	0.34	0.37
		1900	0.35	0.35	0.35	0.36	0.39
		2000	0.37	0.37	0.37	0.38	0.41
		2100	0.39	0.39	0.39	0.40	0.43
		2200	0.41	0.41	0.41	0.42	0.45
060 (5.0)	SJ	800	0.09	0.09	0.09	0.10	0.12
		900	0.1	0.10	0.10	0.11	0.13
		1000	0.12	0.12	0.12	0.13	0.15
		1100	0.13	0.13	0.13	0.14	0.17
		1200	0.15	0.15	0.15	0.16	0.19
		1300	0.17	0.17	0.17	0.18	0.21
		1400	0.19	0.19	0.19	0.20	0.23
		1500	0.21	0.21	0.21	0.22	0.25
		1600	0.23	0.23	0.23	0.24	0.27
		1700	0.25	0.25	0.25	0.26	0.29
		1800	0.27	0.27	0.27	0.28	0.31
		1900	0.29	0.29	0.29	0.30	0.33
		2000	0.31	0.31	0.31	0.32	0.35
		2100	0.33	0.33	0.33	0.34	0.37
		2200	0.35	0.35	0.35	0.36	0.39
	JP	500	0.09	0.09	0.09	0.10	0.12
		600	0.1	0.10	0.10	0.11	0.13
		700	0.12	0.12	0.12	0.13	0.15
		800	0.13	0.13	0.13	0.14	0.17
		900	0.15	0.15	0.15	0.16	0.19
		1000	0.17	0.17	0.17	0.18	0.21
		1100	0.19	0.19	0.19	0.20	0.23
		1200	0.21	0.21	0.21	0.22	0.25
		1300	0.23	0.23	0.23	0.24	0.27
		1400	0.25	0.25	0.25	0.26	0.29
		1500	0.27	0.27	0.27	0.28	0.31
		1600	0.29	0.29	0.29	0.30	0.33
		1700	0.31	0.31	0.31	0.32	0.35
		1800	0.33	0.33	0.33	0.34	0.37
		1900	0.35	0.35	0.35	0.36	0.39
		2000	0.37	0.37	0.37	0.38	0.41
		2100	0.39	0.39	0.39	0.40	0.43
		2200	0.41	0.41	0.41	0.42	0.45

Electric Heat Minimum Supply Air

Size (Tons)	Model	Voltage	Minimum Supply Air (CFM)			
			Heater kW			
			5.0	6.5	10.0	15.0
024 (2.0)	SJ	208/230-1-60	850	850	800	800
	JP		800	800	800	750
030 (2.5)	SJ	208/230-1-60	850	850	800	800
	JP		800	800	800	750
036 (3.0)	SJ	208/230-1-60	800	800	800	775
	JP		800	800	800	750
042 (3.5)	SJ	208/230-1-60	800	800	800	775
	JP		1300	1300	1270	1270
048 (4.0)	SJ	208/230-1-60	1300	1300	1270	1160
	JP		1300	1300	1270	1270
060 (5.0)	SJ	208/230-1-60	1300	1300	1270	1160
	JP		1300	1300	1270	1270

Indoor Blower Specifications

Size (Tons)	Model	Motor				
		HP	RPM	Eff.	SF	Frame
024 (2.0)	SJ JP	1/2	1100	0.8	1.0	48
030 (2.5)	SJ JP	1/2	1100	0.8	1.0	48
036 (3.0)	SJ JP	1/2	1100	0.8	1.0	48
042 (3.5)	SJ	1/2	1100	0.8	1.0	48
	JP	1	1100	0.8	1.0	48
048 (4.0)	SJ JP	1	1100	0.8	1.0	48
060 (5.0)	SJ JP	1	1100	0.8	1.0	48

Electric Heat Multipliers

Voltage		kW Capacity Multipliers[1]
Nominal	Applied	
240	208	0.75
	230	0.92

1. Electric heaters are rated at nominal voltage. Use this table to determine the electric heat capacity for heaters applied at lower voltages.

Sound Performance

Outdoor Sound Power Levels

Size (Tons)	Model	Sound Rating[1] dB (A)	Octave Band Centerline Frequency (Hz)						
			125	250	500	1000	2000	4000	8000
024 (2.0)	SJ	76	56.7	62.8	68.6	71.5	69.6	65.4	58.4
	JP	82	61.5	77.7	68.4	76.3	76.5	73.5	61.1
030 (2.5)	SJ	78	61.1	67.5	71.2	72.3	69.4	70.0	59.5
	JP	81	63.1	68.6	78.8	75.5	69.4	69.7	63.9
036 (3.0	SJ	80	65.6	70.6	73.5	74.9	74.1	68.8	61.5
	JP	81	65.5	68.7	73.1	77.2	73.9	67.5	63
042 (3.5)	SJ	80	65.1	68.9	73.7	75.1	71.8	67	64.8
	JP	83	67.5	70.5	78	78.8	75.9	70.1	66.6
048 (4.0)	SJ	83	67.7	73.8	77.9	79.2	74.9	70.1	65
	JP	81	66	71.9	75.3	76.6	73.8	70.3	63.3
060 (5.0)	SJ	83	64.6	70.5	77	78.4	74.8	71	64.9
	JP	82	65.6	71.8	75.8	76.6	74.3	73	64.2

1. Rated in accordance with ARI 270 standard.

Electrical Data

SJ024-060 Cooling Only With/Without Electric Heat

Size (Tons)	Volt	Compressors (each)			OD Fan Motors (each)	Supply Blower Motor	Electric Heat Option				MCA[1] (Amps)	Max Fuse[2]/ Breaker[3] Size (Amps)
		RLA	LRA	MCC	FLA	FLA	Model	kW	Stages	Amps		
024 (2.0)	208/230-1-60	10.9	60.0	17.0	1.1	4.1	None	-	-	-	18.8	25
							2PH08510506	3.6/4.8	1	17.2/19.9	26.7/30.0	30/30
							2PH08510706	4.9/6.5	1	23.5/27.1	34.5/39.0	35/40
							2PH08511006	7.2/9.6	1	34.5/39.8	48.2/54.9	50/60
							2PH08511506	10.8/14.3	1	51.7/59.7	69.8/79.8	70/80
030 (2.5)	208/230-1-60	10.6	61.0	16.5	1.1	4.1	None	-	-	-	19.8	25
							2PH08510506	3.6/4.8	1	17.2/19.9	26.7/30.0	30/30
							2PH08510706	4.9/6.5	1	23.5/27.1	34.5/39.0	35/40
							2PH08511006	7.2/9.6	1	34.5/39.8	48.2/54.9	50/60
							2PH08511506	10.8/14.3	1	51.7/59.7	69.8/79.8	70/80
036 (3.0)	208/230-1-60	14.7	82.0	23.0	1.4	4.1	None	-	-	-	23.9	30
							2PH08510506	3.6/4.8	1	17.2/19.9	26.7/30.0	35/35
							2PH08510706	4.9/6.5	1	23.5/27.1	34.5/39.0	35/40
							2PH08511006	7.2/9.6	1	34.5/39.8	48.2/54.9	50/60
							2PH08511506	10.8/14.3	1	51.7/59.7	69.8/79.8	70/80
	208/230-3-60	9.9	78.0	15.5	1.4	4.1	None	-	-	-	17.9	25
042 (3.5)	208/230-1-60	15.0	78.0	21.0	1.4	4.1	None	-	-	-	24.3	35
							2PH08510506	3.6/4.8	1	17.2/19.9	26.7/30.0	35/35
							2PH08510706	4.9/6.5	1	23.5/27.1	34.5/39.0	35/40
							2PH08511006	7.2/9.6	1	34.5/39.8	48.2/54.9	50/60
							2PH08511506	10.8/14.3	1	51.7/59.7	69.8/79.8	70/80
048 (4.0)	208/230-1-60	17.9	102.0	28.0	1.7	7.6	None	-	-	-	31.7	40
							2PH08510506	3.6/4.8	1	17.2/19.9	31.7/34.4	40/45
							2PH08510706	4.9/6.5	1	23.5/27.1	38.8/43.4	45/45
							2PH08511006	7.2/9.6	1	34.5/39.8	52.6/59.3	60/60
							2PH08511506	10.8/14.3	1	51.7/59.7	74.2/84.1	80/90
	208/230-3-60	12.8	84.0	20.0	1.7	7.6	None	-	-	-	25.3	35
	460-3-60	5.8	42.0	9.0	0.9	3.8	None	-	-	-	12.0	15
060 (5.0)	208/230-1-60	25.6	150.0	40.0	1.7	7.6	None	-	-	-	41.3	60
							2PH08510506	3.6/4.8	1	17.2/19.9	41.3/41.3	60/60
							2PH08510706	4.9/6.5	1	23.5/27.1	41.3/43.4	60/60
							2PH08511006	7.2/9.6	1	34.5/39.8	52.6/59.3	60/60
							2PH08511506	10.8/14.3	1	51.7/59.7	74.2/84.1	80/90
	208/230-3-60	16.6	120.0	26.0	1.7	7.6	None	-	-	-	30.1	40
	460-3-60	8.3	60.0	13.0	0.9	3.8	None	-	-	-	15.1	20

1. Minimum Circuit Ampacity.
2. Dual Element, Time Delay Type.
3. HACR type per NEC.

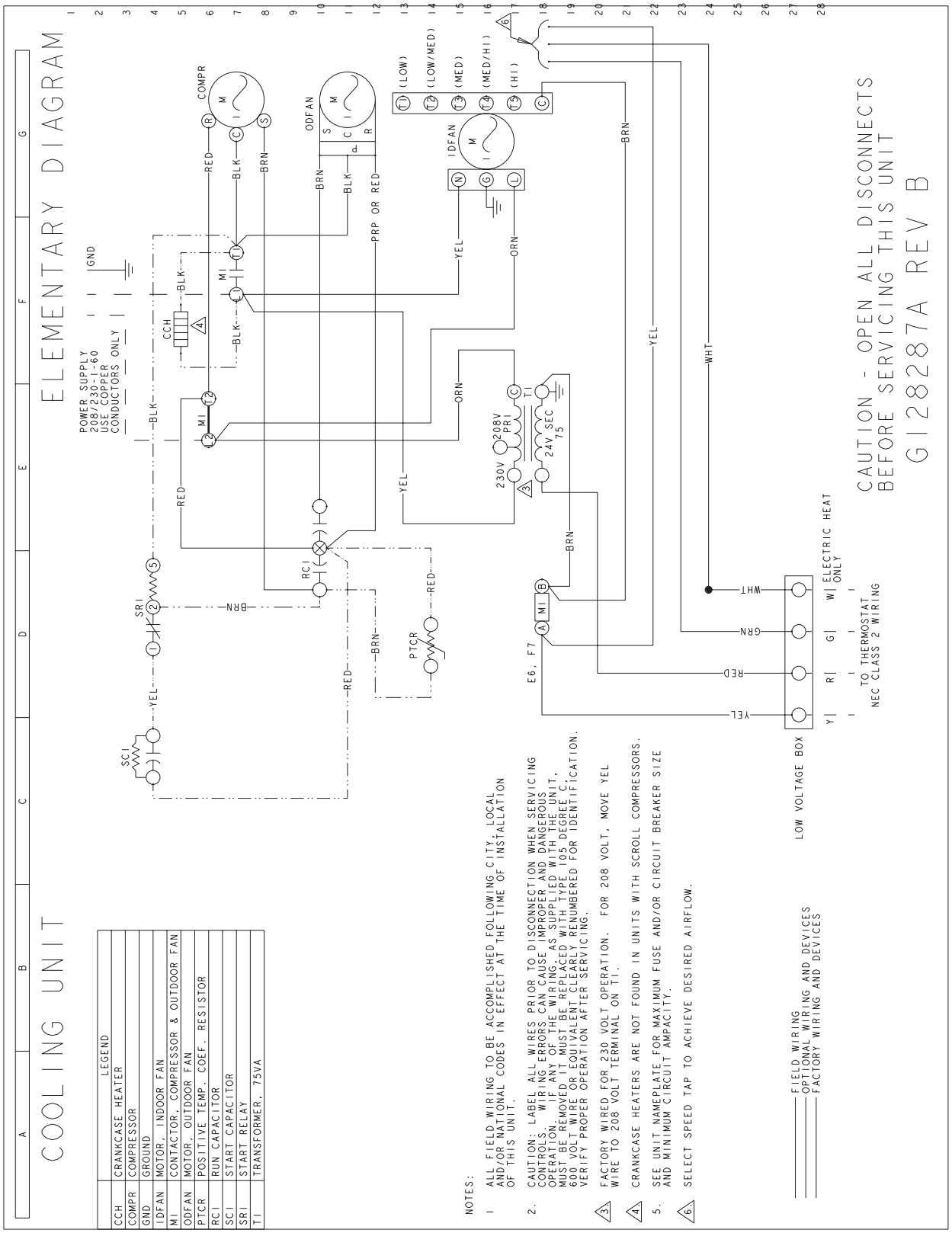
JP024-060 Heat Pump With/Without Electric Heat

Size (Tons)	Volt	Compressors (each)			OD Fan Motors (each)	Supply Blower Motor	Electric Heat Option				MCA[1] (Amps)	Max Fuse[2]/ Breaker[3] Size (Amps)
		RLA	LRA	MCC	FLA	FLA	Model	kW	Stages	Amps		
024 (2.0)	208/230-1-60	10.2	53.5	16.0	1.1	4.1	None	-	-	-	18.0	25
							2PH08510506	3.6/4.8	1	17.2/19.9	39.5/42.8	45/45
							2PH08510706	4.9/6.5	1	23.5/27.1	47.3/51.8	50/60
							2PH08511006	7.2/9.6	1	34.5/39.8	61.1/67.7	70/70
							2PH08511506	10.8/14.3	1	51.7/59.7	82.6/92.6	90/100
030 (2.5)	208/230-1-60	11.0	61.0	17.0	1.1	4.1	None	-	-	-	19.0	25
							2PH08510506	3.6/4.8	1	17.2/19.9	40.5/43.8	45/45
							2PH08510706	4.9/6.5	1	23.5/27.1	48.3/52.8	50/60
							2PH08511006	7.2/9.6	1	34.5/39.8	62.1/68.7	70/70
							2PH08511506	10.8/14.3	1	51.7/59.7	83.6/93.6	90/100
036 (3.0)	208/230-1-60	13.4	78.0	21.0	1.6	4.1	None	-	-	-	22.5	30
							2PH08510506	3.6/4.8	1	17.2/19.9	44.0/47.3	50/50
							2PH08510706	4.9/6.5	1	23.5/27.1	51.8/56.3	60/60
							2PH08511006	7.2/9.6	1	34.5/39.8	65.6/72.2	70/80
							2PH08511506	10.8/14.3	1	51.7/59.7	87.1/97.1	90/100
	208/230-3-60	8.2	72.0	16.0	1.6	4.1	None	-	-	-	18.5	25
042 (3.5)	208/230-1-60	17.1	86.0	26.5	1.8	7.6	None	-	-	-	30.8	40
							2PH08510506	3.6/4.8	1	17.2/19.9	52.3/55.7	60/60
							2PH08510706	4.9/6.5	1	23.5/27.1	60.1/64.6	70/70
							2PH08511006	7.2/9.6	1	34.5/39.8	73.9/80.5	80/90
							2PH08511506	10.8/14.3	1	51.7/59.7	95.5/105.4	100/110
048 (4.0)	208/230-1-60	23.0	115.0	36.0	1.9	7.6	None	-	-	-	38.3	50
							2PH08510506	3.6/4.8	1	17.2/19.9	59.8/63.1	70/80
							2PH08510706	4.9/6.5	1	23.5/27.1	67.6/72.1	80/80
							2PH08511006	7.2/9.6	1	34.5/39.8	81.4/88.0	90/100
							2PH08511506	10.8/14.3	1	51.7/59.7	102.9/112.9	110/125
	208/230-3-60	16.0	115.0	25.0	1.9	7.6	None	-	-	-	29.5	40
060 (5.0)	208/230-1-60	25.6	150.0	40.0	1.9	7.6	None	-	-	-	41.5	60
							2PH08510506	3.6/4.8	1	17.2/19.9	63.1/66.4	80/80
							2PH08510706	4.9/6.5	1	23.5/27.1	70.8/75.4	90/90
							2PH08511006	7.2/9.6	1	34.5/39.8	84.6/91.3	100/100
							2PH08511506	10.8/14.3	1	51.7/59.7	106.2/116.1	110/125
	208/230-3-60	16.6	120.0	26.0	1.9	7.6	None	-	-	-	30.3	40
	460-3-60	8.3	60.0	13.0	1.0	3.8	None	-	-	-	15.2	20

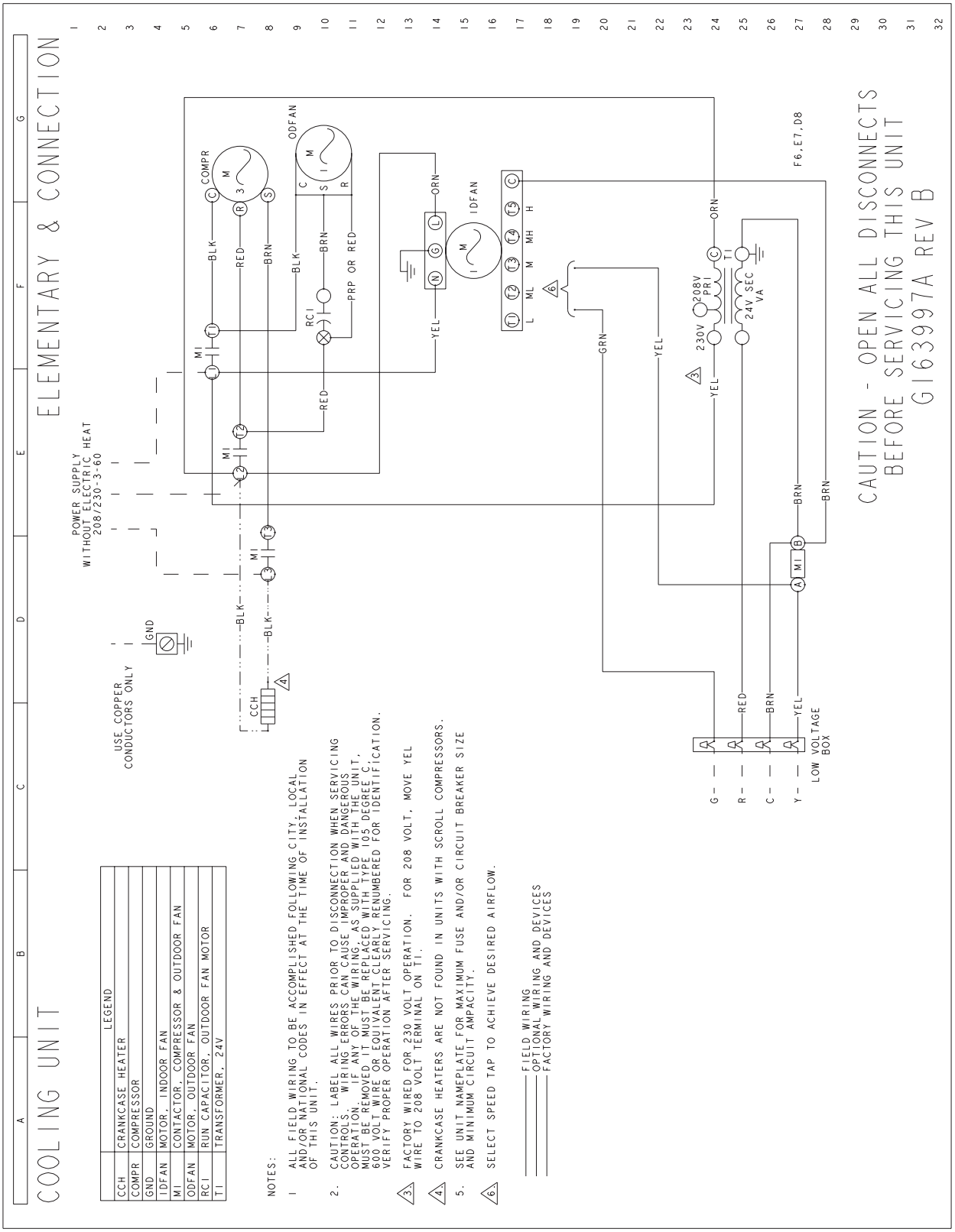
1. Minimum Circuit Ampacity.
2. Dual Element, Time Delay Type.
3. HACR type per NEC.

SJ/JP024-060 Typical Wiring Diagrams

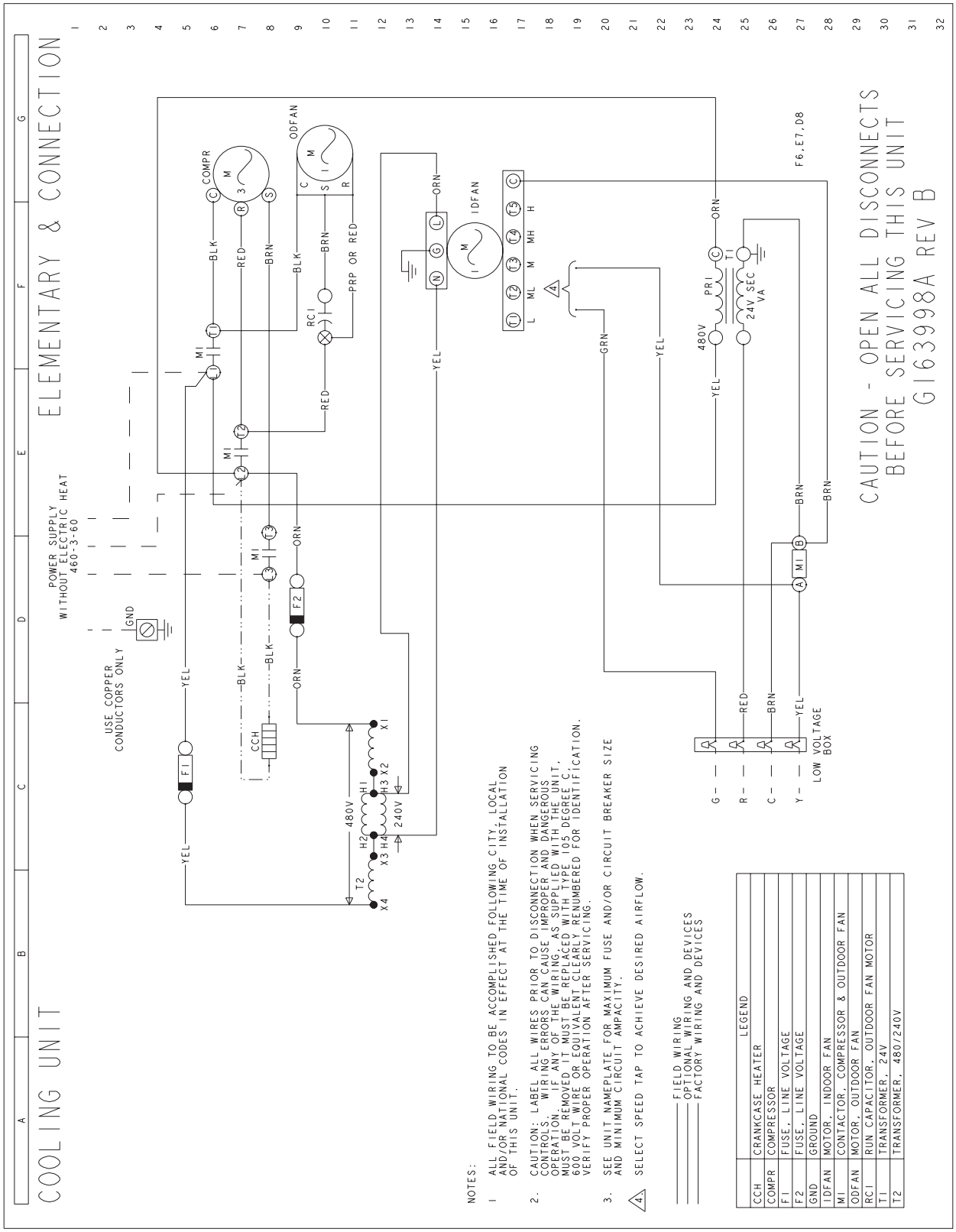
SJ024-060 Typical Cooling Unit 208/230-1-60 volt Wiring Diagram



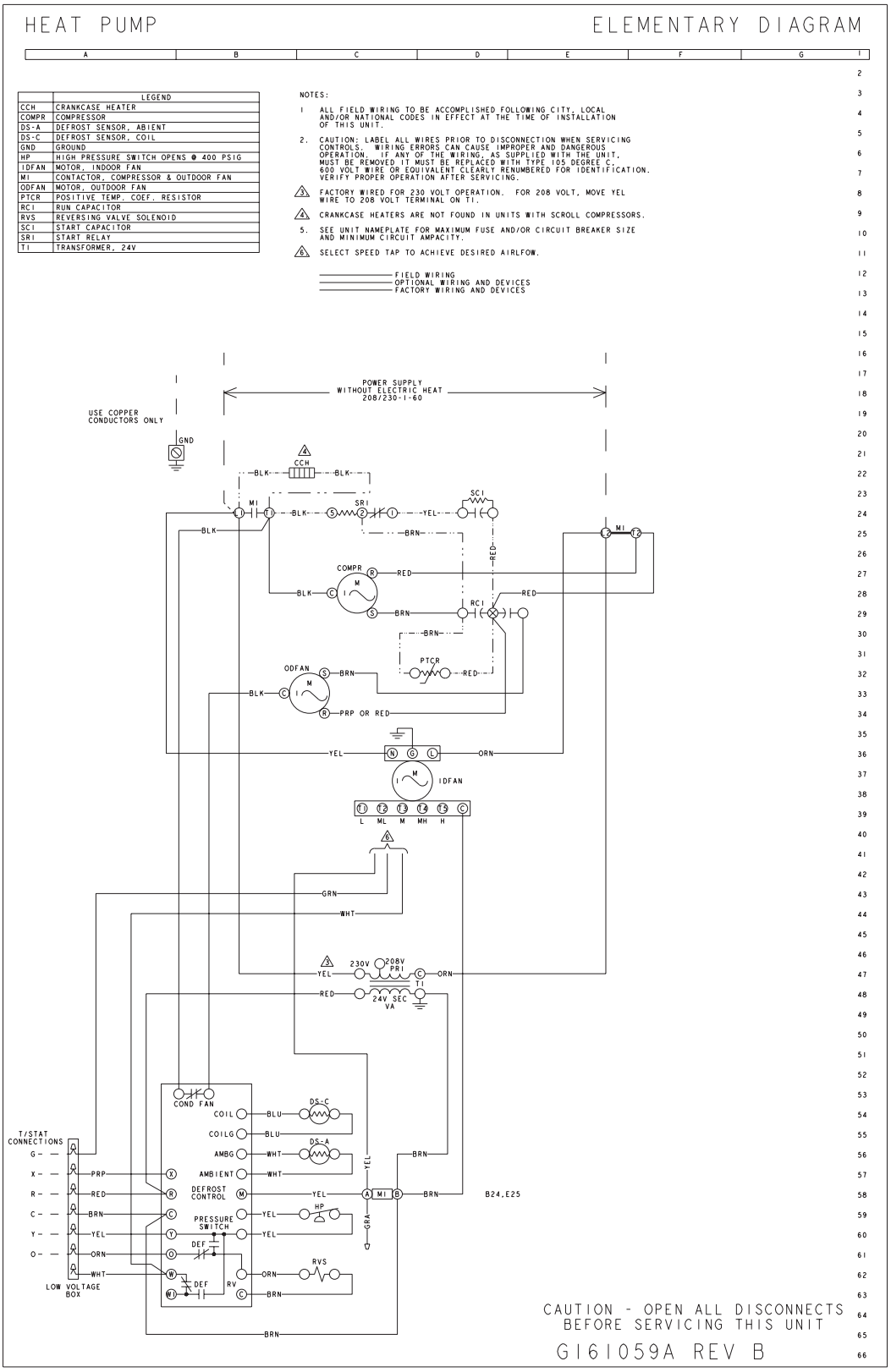
SJ036, 048 and 060 Typical Cooling Unit 208/230-3-60 volt Wiring Diagram



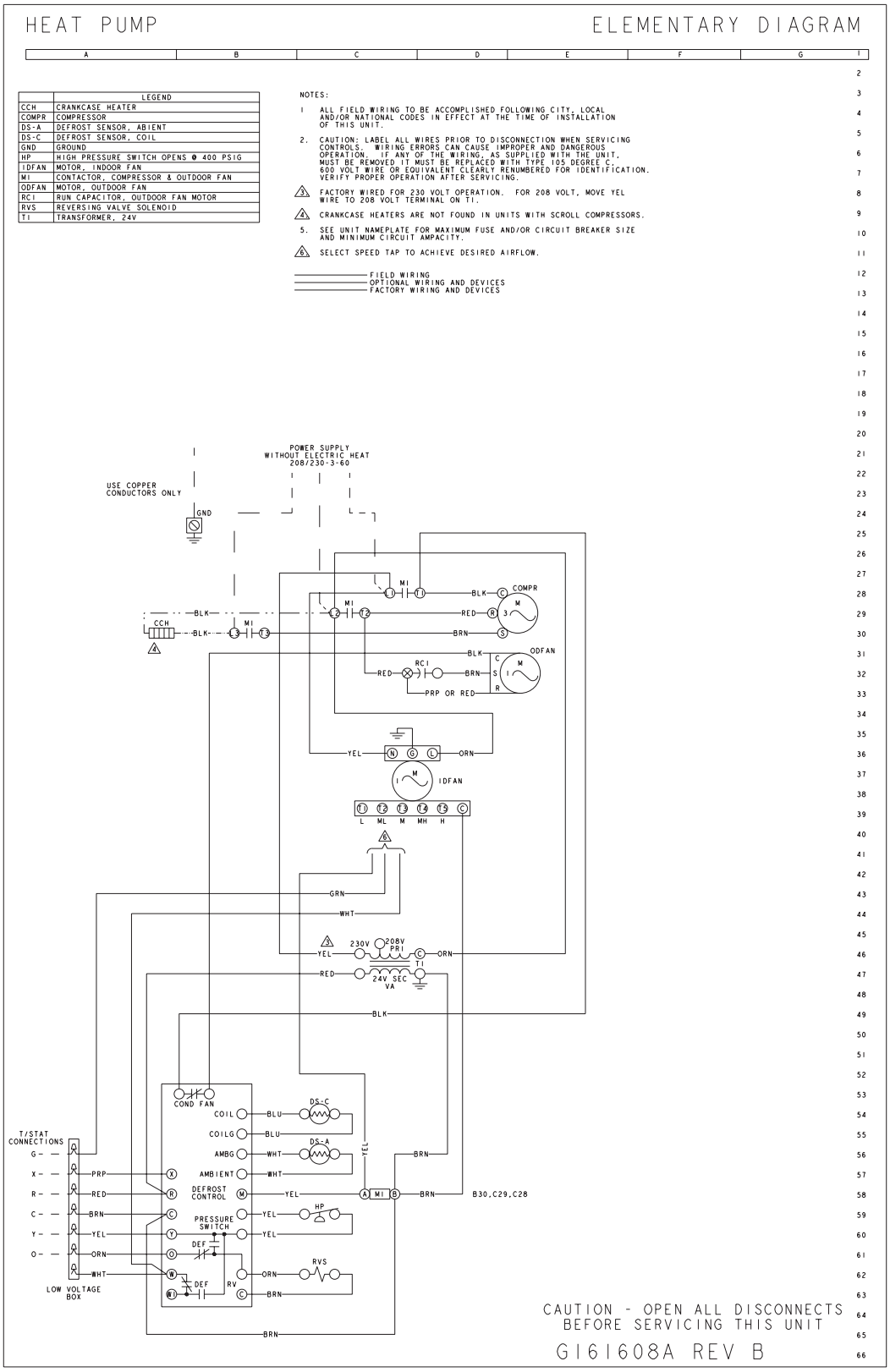
SJ048-060 Typical Cooling Unit 460-3-60 volt Wiring Diagram



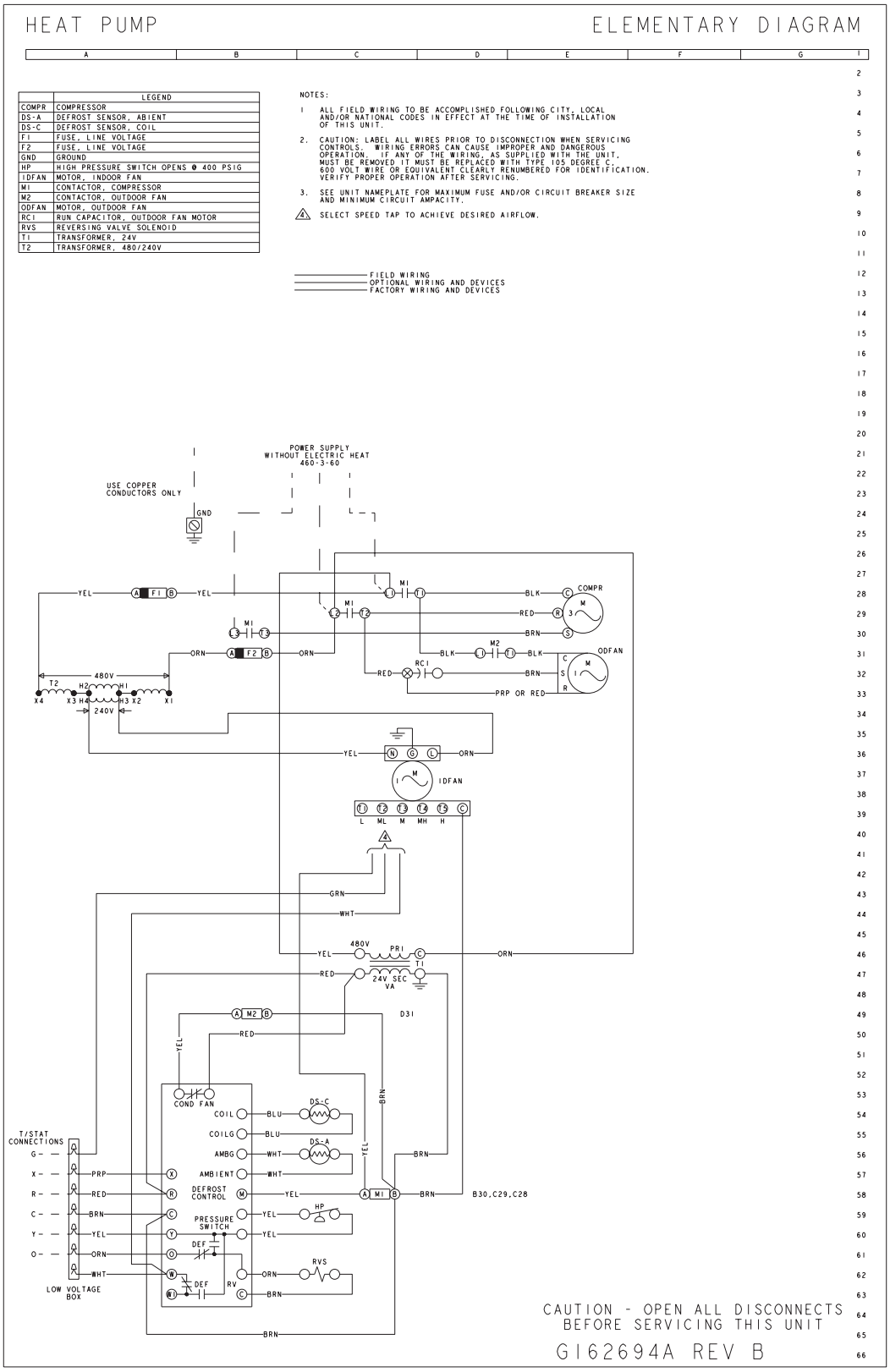
JP024-060 Typical Heat Pump 208/230-1-60 volt Wiring Diagram



JP036, 048 and 060 Typical Heat Pump 208/230-3-60 volt Wiring Diagram



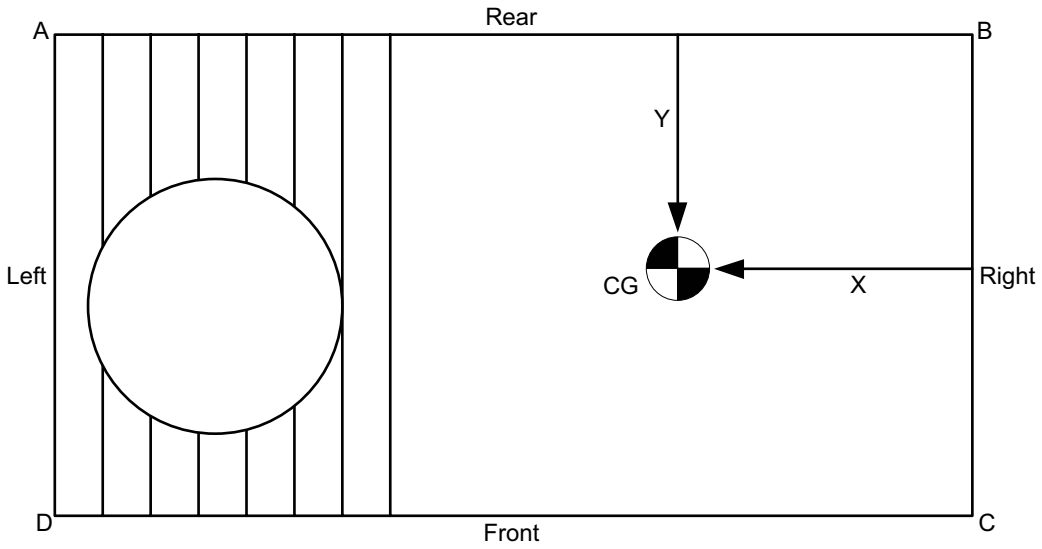
JP060 Typical Heat Pump 460-3-60 volt Wiring Diagram



Weights and Dimensions

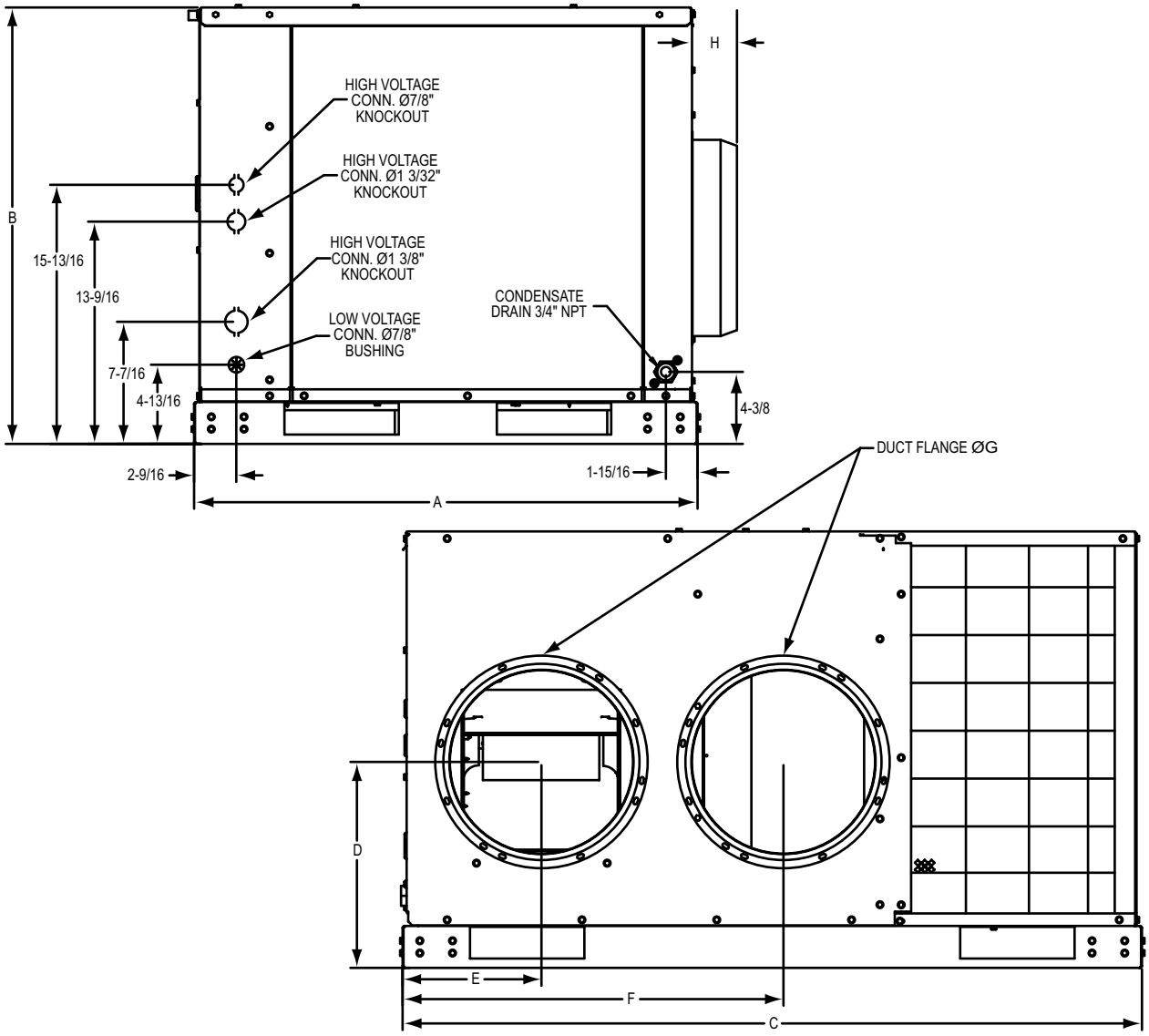
SJ AND JP Unit Weights

Unit 4 Point Load Weights



Size (Tons)	Model	Weight (lbs.)		Center of Gravity		4 Point Load Location (lbs.)			
		Shipping	Operating	X	Y	A	B	C	D
024	SJ	262	259	21.75	14	61	59	69	70
(2.0)	JP	345	342	21.75	14	79	71	91	101
030	SJ	273	270	21.75	14	63	62	71	73
(2.5)	JP	350	347	21.75	14	80	72	92	103
036	SJ	348	345	23.5	15	79	83	94	90
(3.0)	JP	353	350	23.5	15	80	84	95	91
042	SJ	352	349	23.5	15	80	84	95	91
(3.5)	JP	377	372	23.5	15	100	69	83	120
048	SJ	380	375	28.75	16.25	92	92	95	95
(4.0)	JP	387	382	28.75	16.25	94	94	97	97
060	SJ	390	385	28.75	16.25	95	95	98	98
(5.0)	JP	395	390	28.75	16.25	96	96	99	99

Unit Dimensions



Unit Dimensions

Size (Tons)	Model	Dimensions							
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
024	SJ	30 13/16	26 11/16	45 1/4	12 9/16	8 1/2	23 5/16	12	2 3/4
(2.0)	JP	32 13/16	30 11/16	47 1/4	12 9/16	8 1/2	24 1/16	12	2 3/4
030	SJ	30 13/16	26 11/16	45 1/4	12 9/16	8 1/2	23 5/16	12	2 3/4
(2.5)	JP	32 13/16	30 11/16	47 1/4	12 9/16	8 1/2	24 1/16	12	2 3/4
036	SJ	32 13/16	30 11/16	47 1/4	12 9/16	8 1/2	24 1/16	12	2 3/4
(3.0)	JP	32 13/16	30 11/16	47 1/4	12 9/16	8 1/2	24 1/16	12	2 3/4
042	SJ	32 13/16	30 11/16	47 1/4	12 9/16	8 1/2	24 1/16	12	2 3/4
(3.5)	JP	32 13/16	34 11/16	57 9/16	11 9/16	10 5/16	28 7/8	14	2 3/4
048	SJ	32 13/16	34 11/16	57 9/16	11 9/16	10 5/16	28 7/8	14	2 3/4
(4.0)	JP	32 13/16	34 11/16	57 9/16	11 9/16	10 5/16	28 7/8	14	2 3/4
060	SJ	32 13/16	34 11/16	57 9/16	11 9/16	10 5/16	28 7/8	14	2 3/4
(5.0)	JP	32 13/16	34 11/16	57 9/16	11 9/16	10 5/16	28 7/8	14	2 3/4

Unit Clearances

Direction	Distance (in.)	Direction	Distance (in.)
Top[1]	60	Right	24
Front	36	Left	24
Rear[2]	18	Bottom	0

1. Units must be installed outdoors. Over hanging structure or shrubs should not obscure condenser air discharge outlet.
2. Unit may be positioned to draw air from underneath structure.

246830-YTG-E-0107
Supersedes: 246830-YTG-D-1206

Unitary Products Group

5005 York Drive

Norman OK 73069